

IDENTIFICATION AND TACTICAL FUNCTIONS OF AIRCRAFT

PREPARED BY RECOGNITION DIVISION, A.A.F.P.S. (P) S.A.A.C.O.

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JANUARY 1944

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DESIGNATIONS OF U. S. ARMY PLANES

The Army uses a letter to designate the primary mission or general type of plane and a number to designate the particular design or model accepted. The B-17, for example, is a bomber. B stands for Bomber; it was the 17th bomber design accepted by the Army from all manufacturers, hence the number 17. Sometimes a letter follows the number, as B-17F. The F shows the series of this model. The B-17 has undergone a series of relatively slight changes which are designated by letters following the model number, i.e., B-17A...B-17F. If a major improvement is made which radically affects the design and performance of the airplane, a new series number is assigned. The letter "X" is placed before the mission designation, to indicate that a new airplane is on trial and has not yet been approved for manufacture. The letter "Y" before the mission designation indicates the model is undergoing service tests. When the model is procured after it has been approved the "Y" is dropped. The prefix "Z" indicates that a model is obsolete.

<u>Code letter</u>	<u>Mission or general type</u>
P	Pursuit
A	Bombardment (light, attack)
B	Bombardment (medium and heavy)
O	Observation
OA	Observation-amphibian
F	Army Reconnaissance (photographic)
C	Transport (cargo)
PT	Training, primary
BT	Training, basic
AT	Training, advanced
BC	Basic combat
G	Autogiro
CG	Glider (cargo)
TG	Glider (training)
L	Liasion

DESIGNATIONS OF U. S. NAVY PLANES

The Navy designation includes two (or one) mission letters, a letter indicating the name of the manufacturer, and a series number to designate the modifications of the model. As an example, the first Patrol Bomber produced by Consolidated was the PBY-1. (PB indicates the mission, Patrol Bombing; Y represents the series, or modification.) The modifications to the PBY-1 would be the PBY-2, PBY-3, etc.

In the case where the same manufacturer produces another aircraft different in design but in the same mission category, the designation would change by the placement of the next consecutive number between the mission and manufacturer letters. Thus, the PB2Y-1 would be the SECOND Patrol Bomber manufactured by Consolidated; the modifications being the PB2Y-2, PB2Y-3, etc.

<u>Code Letter</u>	<u>Mission</u>
F	Fighter
B	Bomber
S	Scout
P	Patrol
T	Torpedo
O	Observation
G	Transport, single engine
R	Transport, multi-engine
N	Trainer
J	General utility
H	Ambulance
SB	Scout-bomber
SO	Scout-observation
OS	Observation-scout
PB	Patrol bomber
PT	Patrol torpedo
TB	Torpedo bomber
JR	Utility transport
X	Experimental
Z	Lighter than air

MANUFACTURERS

A	Brewster
B	Boeing
C	Curtiss
D	Douglas
F	Grumman
J	North American
M	Martin
O	Lockheed
U	Vought
V	Vega
Y	Consolidated

NATIONAL MARKINGS

All planes have national markings for identification, usually appearing on wings and fuselage. Some of these are shown below.



UNITED STATES



CHINA



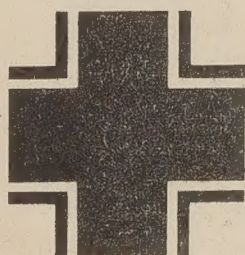
GREAT BRITAIN



U.S.S.R.



JAPAN



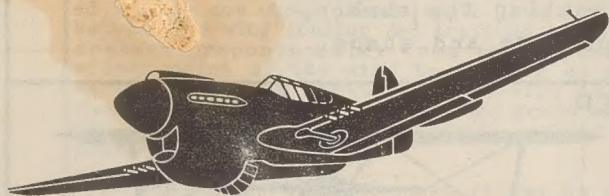
GERMANY



ITALY

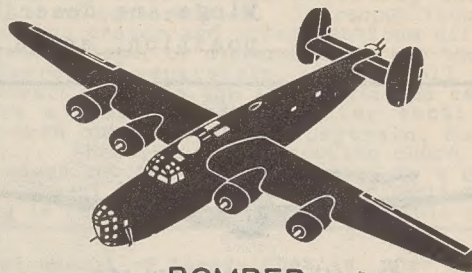
We cannot, however, depend upon national markings to identify a plane since it is not uncommon to find a nation placing its own insignia on captured enemy planes and also enemy insignia on its own planes. Radio and pyrotechnic signals are also used to establish the identity of aircraft but in the majority of the cases the identity must be established by visual recognition.

TYPES OF AIRCRAFT



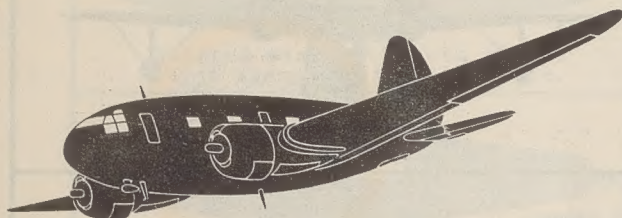
PURSUIT

Single engine (sometimes two), fast and maneuverable, belly tank often carried.



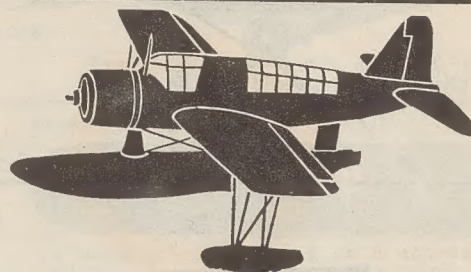
BOMBER

Larger than pursuit, two or four engines, level flying, turrets visible.



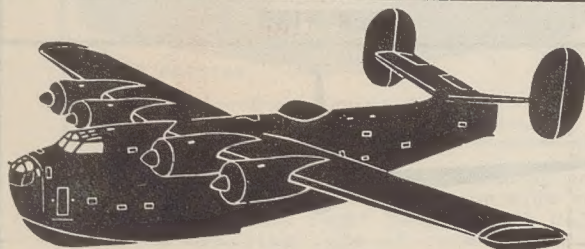
TRANSPORT

Bomber size, thick bodied, two or four engines, windows often visible, unarmed.



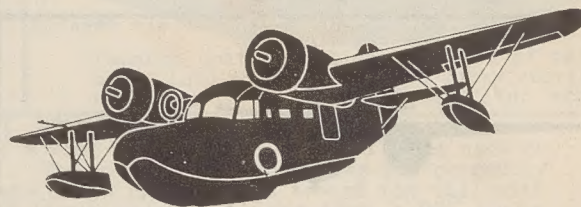
SEAPLANE

Pursuit size, two or three place, large center float, tip floats or twin center floats.



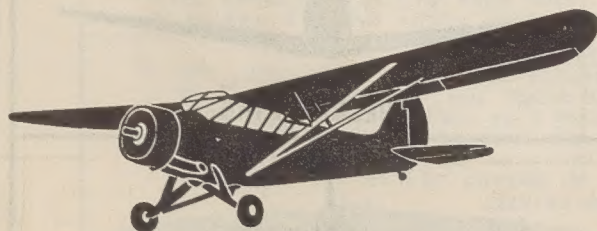
FLYING BOAT

Bomber size, fuselage is hull, high wing, two or four engines, wing tip floats.



AMPHIBIAN

Flying boat style with wheels retracting into hull, engines mounted high, wing tip floats.



LIAISON

Cub-type light plane, slow, maneuverable, low flying, fixed landing gear, usually unarmed.



GLIDER

Motorless bomber size craft towed by transport or bomber, slow, box like construction.

WINGS

Wings are described by stating the number, position, angle with fuselage and shape.

NUMBER



One Wing: MONOPLANE



Two Wings: BIPLANE

POSITION



PARASOL WING



HIGH WING



MID WING



LOW WING



HIGH MID-WING



LOW MID-WING

ANGLE



FLAT WING



DIHEDRAL WING



GULL WING



INVERTED GULL WING

WINGS

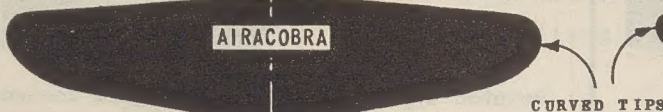
Most wings viewed from above or below may be classified as either (1) tapered, (2) constant-chord, or a (3) combination of both. A tapered wing is one whose chord length (the distance between the wing leading and trailing edge) decreases proportionally from the center or widest point of the wing to the tip or most narrow point. A constant-chord wing is one whose chords from the root to the point where the tips begin to curve are equal, making the edges parallel.

For recognition purposes it may be said that a wing is composed of three sections, the

center section and two outer sections or panels. Actually a wing may have any number of sections—or none at all—depending upon the method of construction. In recognition, only when the center and outer sections differ in degree of taper or dihedral angle are the areas referred to separately. Nearly all of the aircraft wings in the aforementioned category have a constant-chord center section and tapered outer sections (Skytrain, Halifax, etc.). When the center section chord is not constant but the section tapered to a greater (or lesser) degree than the outer sections, the wing is referred to as having a "Double-taper".

TAPER

The majority of tapered wings have an uneven amount of taper, that is, more taper exists along the trailing (rear) edge than along the leading (front) edge.



Tapered wing with most of the taper along the trailing edge.



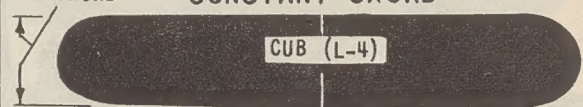
Tapered wing with all of the taper along the trailing edge.

TRUE-TAPER



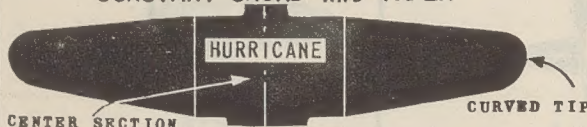
A wing having the same amount of taper along both leading and trailing edges is referred to as having a "True-taper".

CONSTANT-CHORD



A constant-chord wing is a non-tapering wing, its chords from the wing center out toward the tips being equal.

CONSTANT CHORD AND TAPER



Constant-chord center section with true tapered outer wing sections.

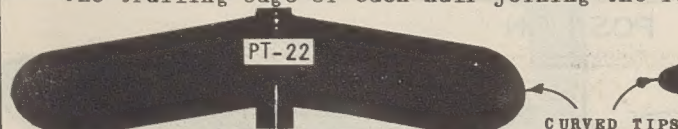
DOUBLE-TAPER



Tapered center section with all of taper along leading edge; tapered outer sections with all of taper along trailing edge.

SWEPT BACK

Pronounced taper along the leading edge of a wing makes it appear to be swept back or bent back toward the tail (or vice versa). The wing on some airplanes are correctly called "swept back" because both halves are actually bent back toward the tail with the trailing edge of each half joining the fuselage at less than a 90° angle.



Constant-chord wing is swept back because trailing edge and fuselage form an acute angle.

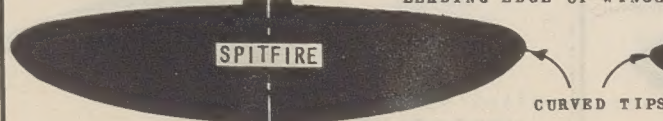


Wing appears to be swept back because all of pronounced taper is along the leading edge.

EDGES AND TIPS

The edges of all wings are either straight, curved or a combination of both. The terms "tapered" and "Swept-back" should not be applied to the edge of a wing but to the surface as a whole. A wing might be tapered and have curved edges; it might be tapered and have one or both edges either straight or curved or the edges may be a combination of straight and curved lines. Tips are likewise either curved or straight lines or a combination of both.

LEADING EDGE OF WINGS FACE PAGE TOP



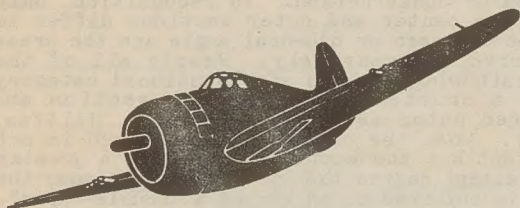
Tapered wing with curved leading and trailing edges and most of taper along trailing edge.



Tapered wing; most of taper along trailing edge. Straight leading edge, combination curved and straight trailing edge.

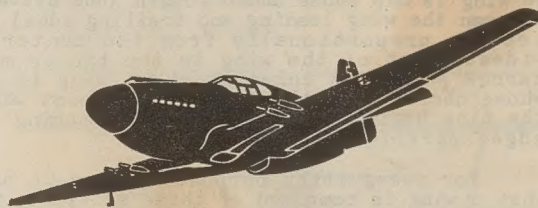
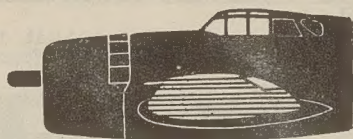
ENGINES

TYPE



RADIAL

Blunt appearance, usually air cooled.

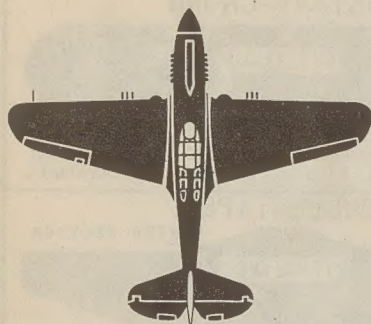


IN-LINE

Pointed appearance, usually liquid cooled.



NUMBER



ONE



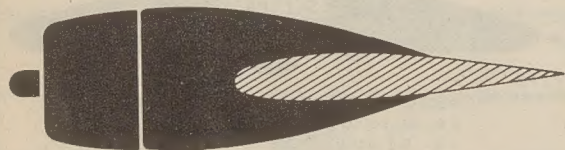
TWO



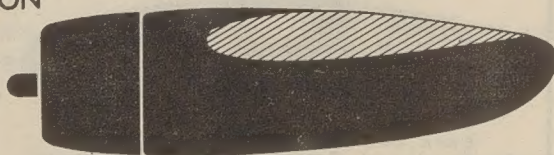
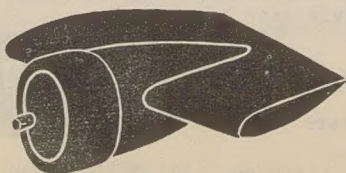
FOUR



POSITION



CENTERED



UNDERSLUNG



FUSELAGE

HEAD-ON VIEW



OVAL



ROUND



EGG-SHAPE



RECTANGULAR

PLAN VIEW

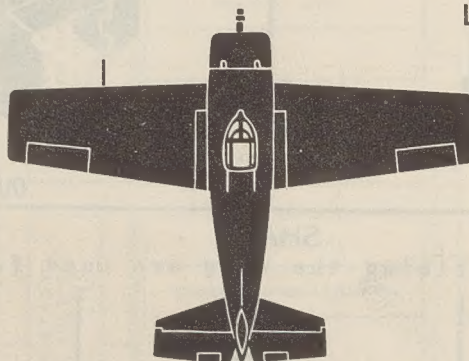
Relationship-length to width



REGULAR



LONG AND THIN



SHORT AND STUBBY

SIDE VIEW



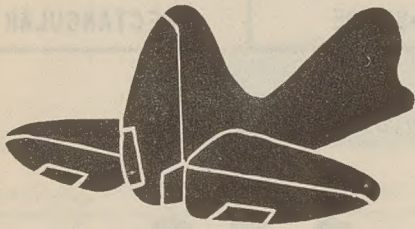
Describe Top Line-including nose greenhouse, turrets, fuselage contour, tail and stinger.

Describe Bottom Line-including nose, belly turrets, etc.

TAIL

The tail consists of two or more horizontal and vertical elements. It is described by stating the number, shape and relative position of these parts.

NUMBER



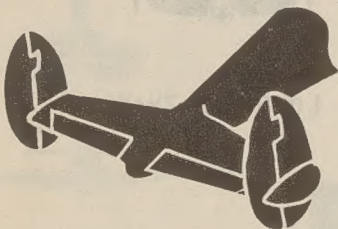
Single horizontal, single vertical.



Single horizontal, twin vertical.

POSITION

Intersection of vertical and horizontal elements.



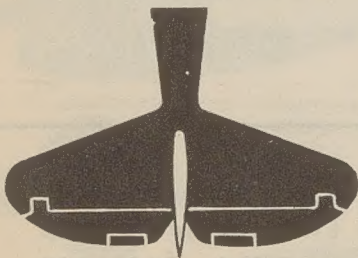
IN-BOARD



OUT-BOARD

SHAPE

The same terms for describing the wing are used for the tail elements.



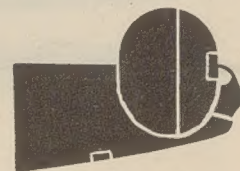
HORIZONTAL

Tapered surface with most of taper along leading edge. Straight leading edge, curved trailing edge, curved tip.



VERTICAL

True-taper vertical surface with squared tip.

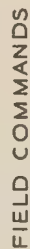


SPECIAL SHAPES

Distinctive shapes may be recognized—usually on the twin types. This is OVAL.

DATA
MAY 1943 ISSUE OF 'AIR FORCE'
JUNE 1943 ISSUE OF 'FLYING.'
AAAF REGULATIONS 20-1 ETC

THE GENERAL STAFF DECIDES 'WHAT' SHALL BE DONE.
BUT THE FIELD COMMANDERS DECIDE 'HOW' AND DO IT



FIELD COMMANDS

FIELD COMMANDS

DATA SHEET

NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

III. _____

IV. STANDARD DESCRIPTION

A. Head On: _____

B. Plan: _____

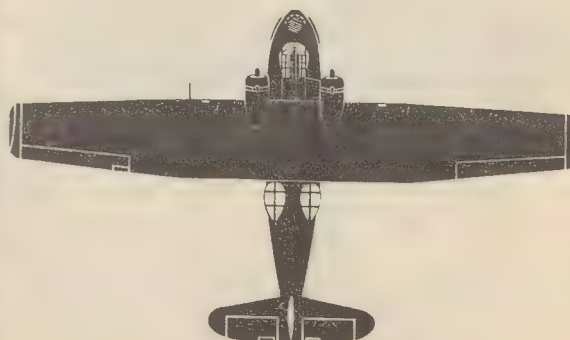
C. Side: _____

CONSOLIDATED CATALINA PBY U.S. NAVY PATROL BOMBER



WING SPAN-104'

LENGTH-64' (63'-10")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

VOUGHT CORSAIR

F4U

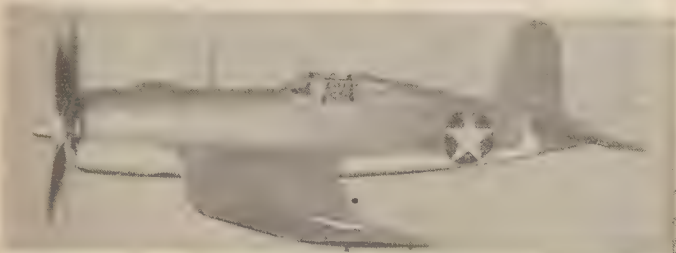
U.S. NAVY

FIGHTER



WING SPAN-41'

LENGTH-33' (33'-4")



DATA SHEET

I NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m. p. h. at _____ feet.

Range (Normal): _____ miles at _____ m. p. h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. GALLERY: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

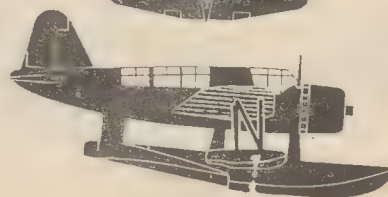
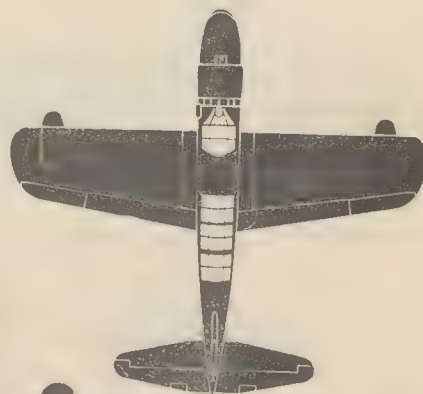
C. Side: _____

VOUGHT KINGFISHER OS2U U.S. NAVY OBS.SCOUT



WING SPAN-36' (35'-11")

LENGTH-34' (33'-10")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

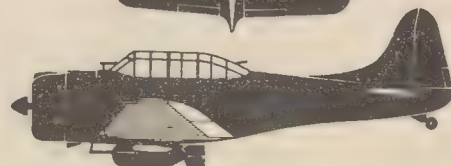
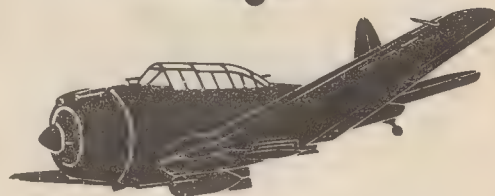
C. Side: _____

DOUGLAS DAUNTLESS SBD U.S. NAVY SCOUT BOMBER



WING SPAN-42 (41'-7")

LENGTH-32' (32'-2")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

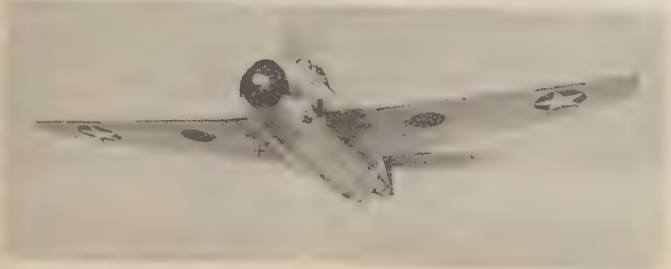
C. Side: _____

GRUMMAN AVENGER TBF U.S. NAVY TORPEDO BOMBER



WING SPAN-54' (54'-2")

LENGTH-41'



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

HIP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb Load _____

III. BREVE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

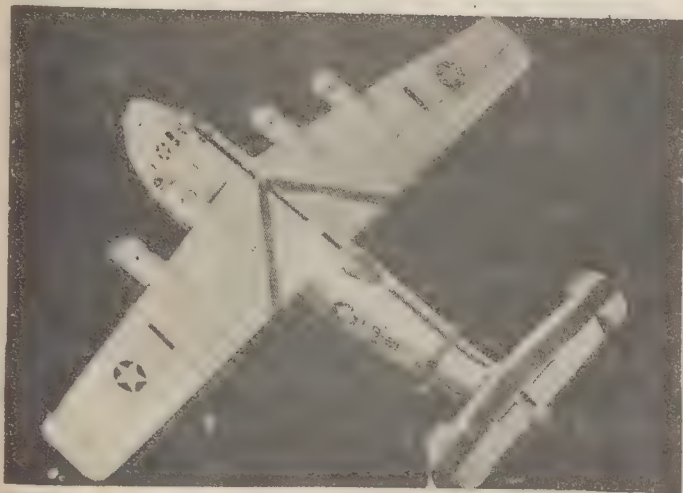
C. Side: _____

CONSOLIDATED CORONADO PB2Y U.S. NAVY PATROL BOMBER



WING SPAN-115'

LENGTH-79' (79'-3")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

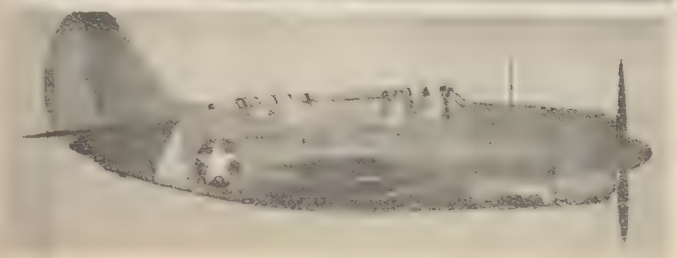
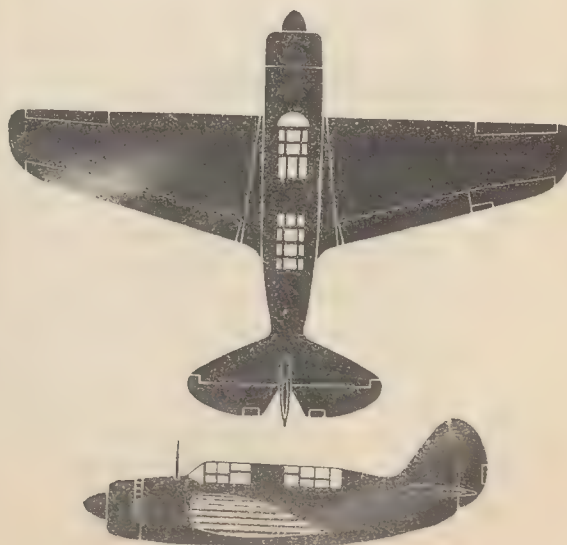
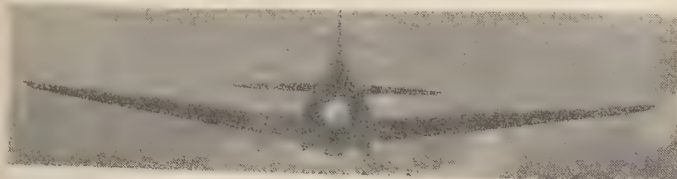
C. Side: _____

CURTISS HELLDIVER SB2C U.S. NAVY SCOUT BOMBER



WING SPAN-50'(49'-8")

LENGTH-35'(35'-2")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BRUCE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

MARTIN MARINER PRM USNAVY PATROL BOMBER



WING SPAN-118'

LENGTH-77'(77'-2")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. NOTE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

CURTISS SEAGULL SO3C U.S.NAVY SCOUT OBS.



WING SPAN-38'

LENGTH-36'(35'-8")



DATA SHEET

I NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____
_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Basic load: _____

III BRIEF: _____

IV STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

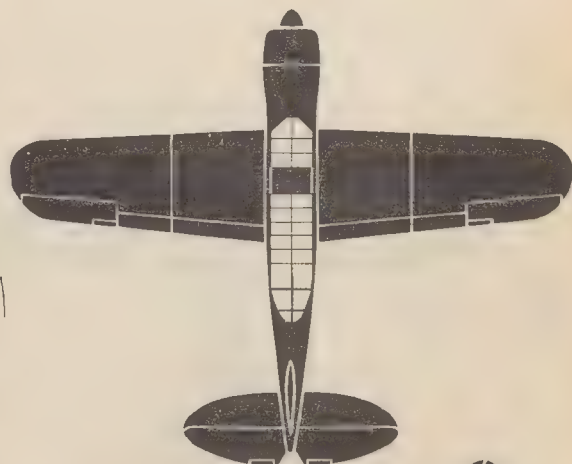
C. Sides: _____

BREWSTER BUCCANEER SB2A U.S. NAVY SCOUT BOMBER



WING SPAN-47'

LENGTH-39' (39'-2")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

(1) SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load _____

(2) DREEZE: _____

(3) STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

GRUMMAN WILDCAT F4F U.S. NAVY FIGHTER



WING SPAN-38'

LENGTH-29'



DATA SHEET

I NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____
_____ HP at _____ feet.

Speed (Max.): _____ m. p. h. at _____ feet.

Range (Normal): _____ miles at _____ m. p. h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BRIEF: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

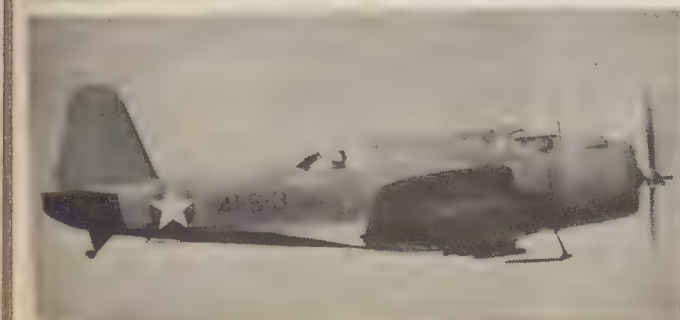
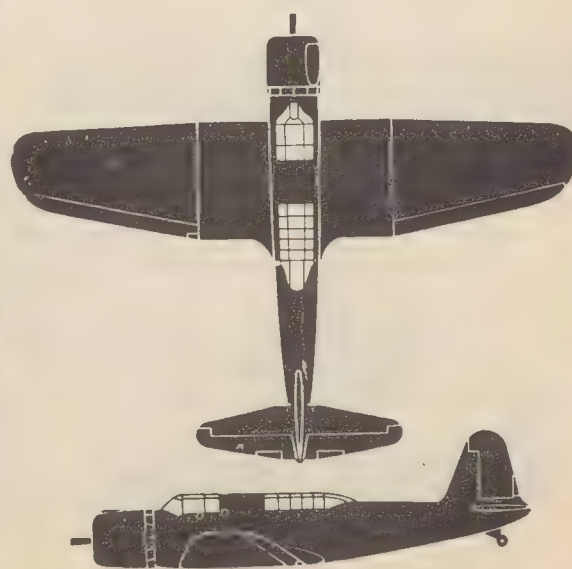
C. Side: _____

VOUGHT VINDICATOR SB2U U.S. NAVY Sc. Bomber



WING SPAN-42'

LENGTH-34'



DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

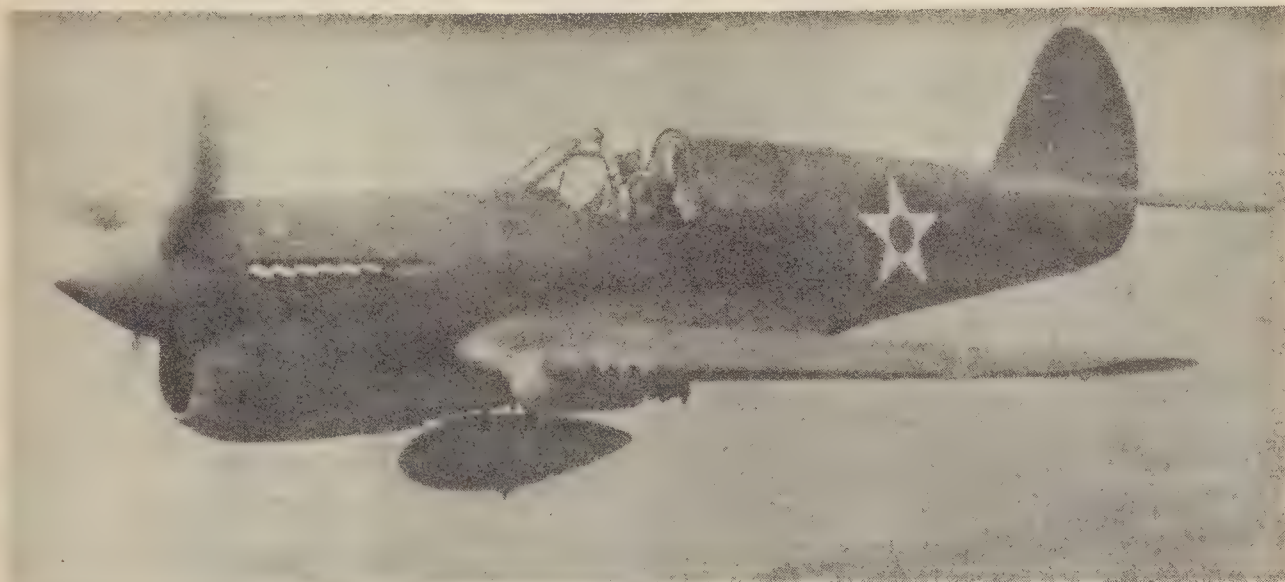
IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

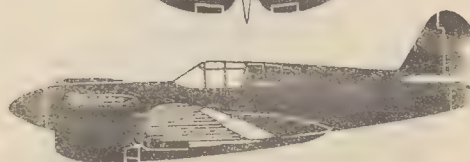
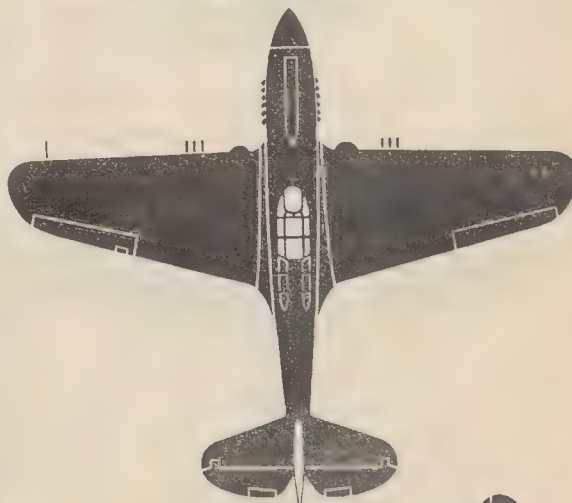
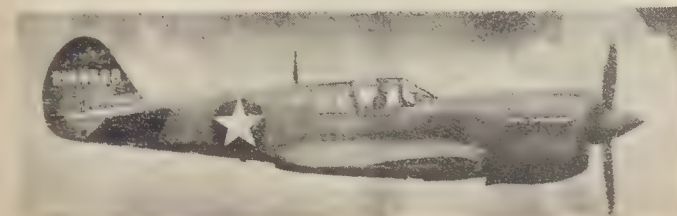
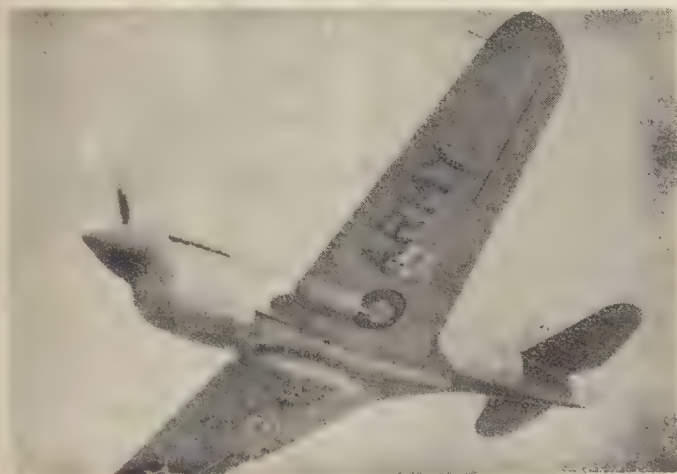
C. Side: _____

CURTISS WARHAWK P-40 U.S. ARMY PURSUIT



WING SPAN-37' (37'-4")

LENGTH-32' (31'-9")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. NOTES: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

DOUGLAS HAVOC

A-20

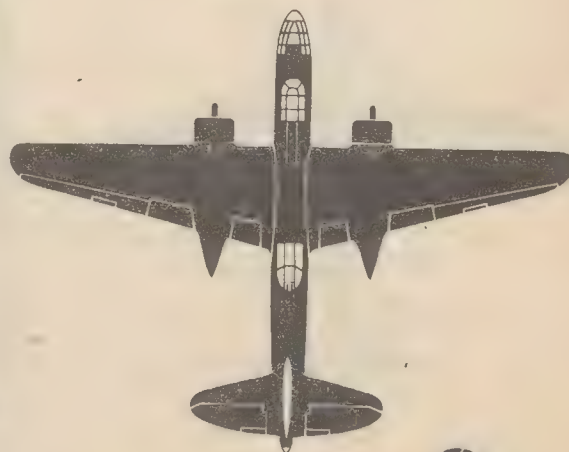
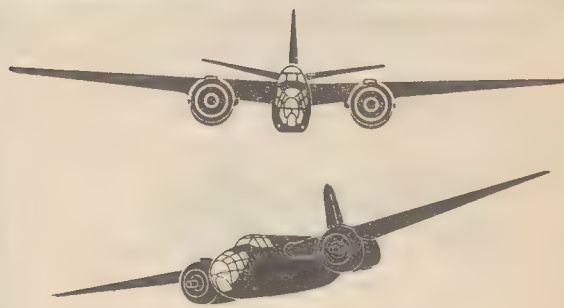
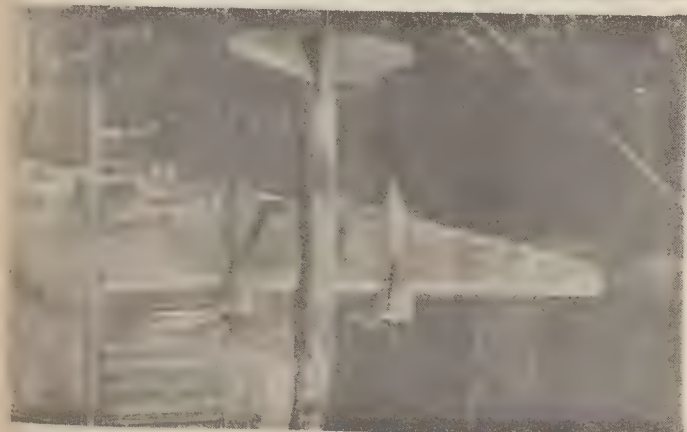
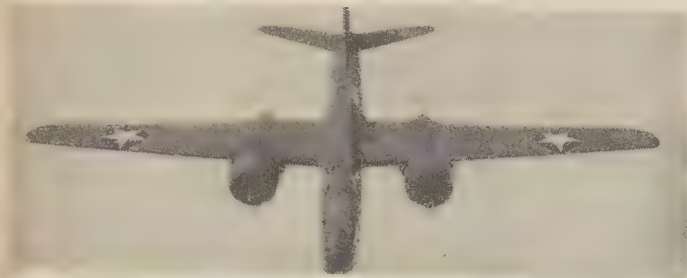
U.S. ARMY

ATTACK



WING SPAN-61(61-4")

LENGTH-47(47-3")



DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CRL# _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____
_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

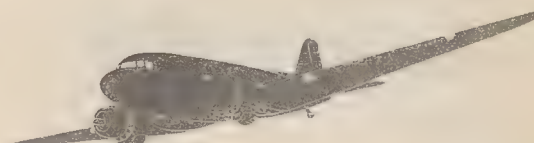
C. Side: _____

DOUGLAS SKYTRAIN C-47 U.S. ARMY CARGO



WING SPAN-95'

LENGTH-65' (64'-6")



DATA SHEET

I NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____
_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

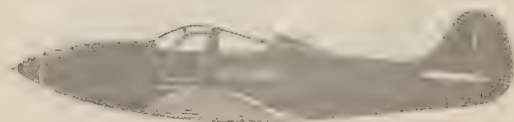
C. Side: _____

BELL AIRACOBRA P-39 U.S. ARMY PURSUIT



WING SPAN-34'

LENGTH-30' (30'-2")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BRIEF: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

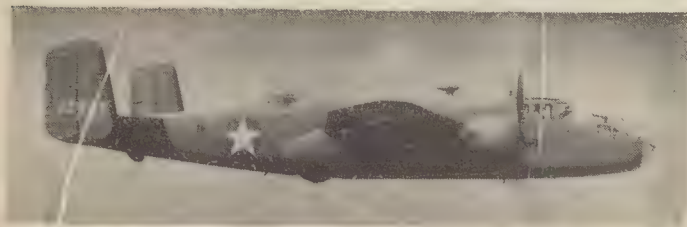
C. Side: _____

NORTH AMERICAN MITCHELL B-25 U.S. ARMY MED. BOMBER



WING SPAN-67' (67'-6")

LENGTH-54' (54'-1")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

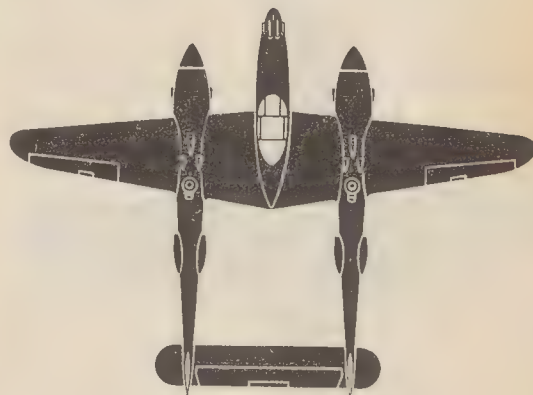
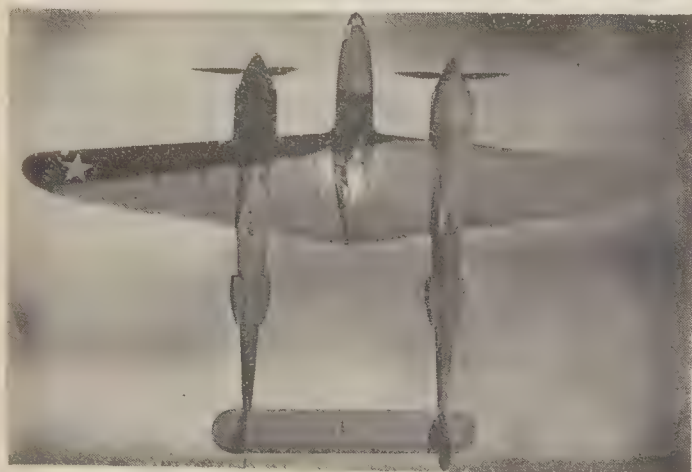
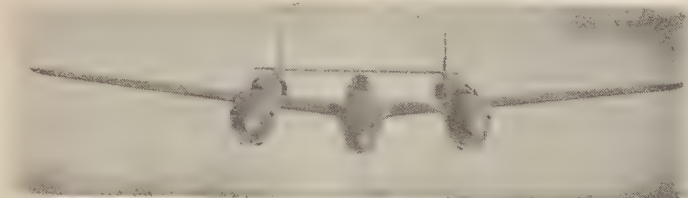
C. Side: _____

LOCKHEED LIGHTNING P-38 U.S. ARMY PURSUIT



WING SPAN-52'

LENGTH-38' (37'-10")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

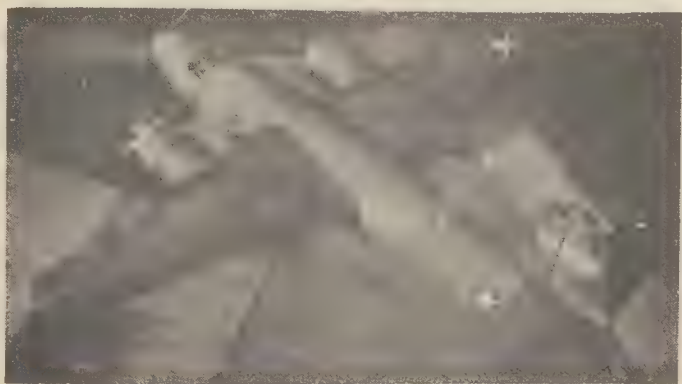
C. Side: _____

MARTIN MARAUDER B-26 U.S. ARMY MED. BOMBER



WING SPAN-71'

LENGTH-58' (58'-3")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. DREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

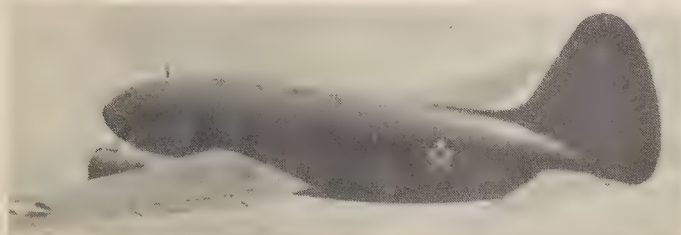
C. Side: _____

CURTISS COMMANDO C-46 U.S. ARMY CARGO



WING SPAN-108'

LENGTH-76' (76'-4")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BRIEF: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

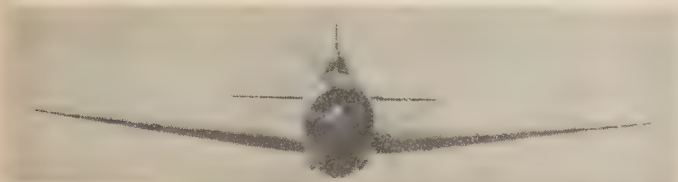
C. Side: _____

REPUBLIC THUNDERBOLT P-47 U.S. ARMY PURSUIT



WING SPAN-41'

LENGTH-33' (33'-2")



DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____
_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load _____

III. BREEZE: _____

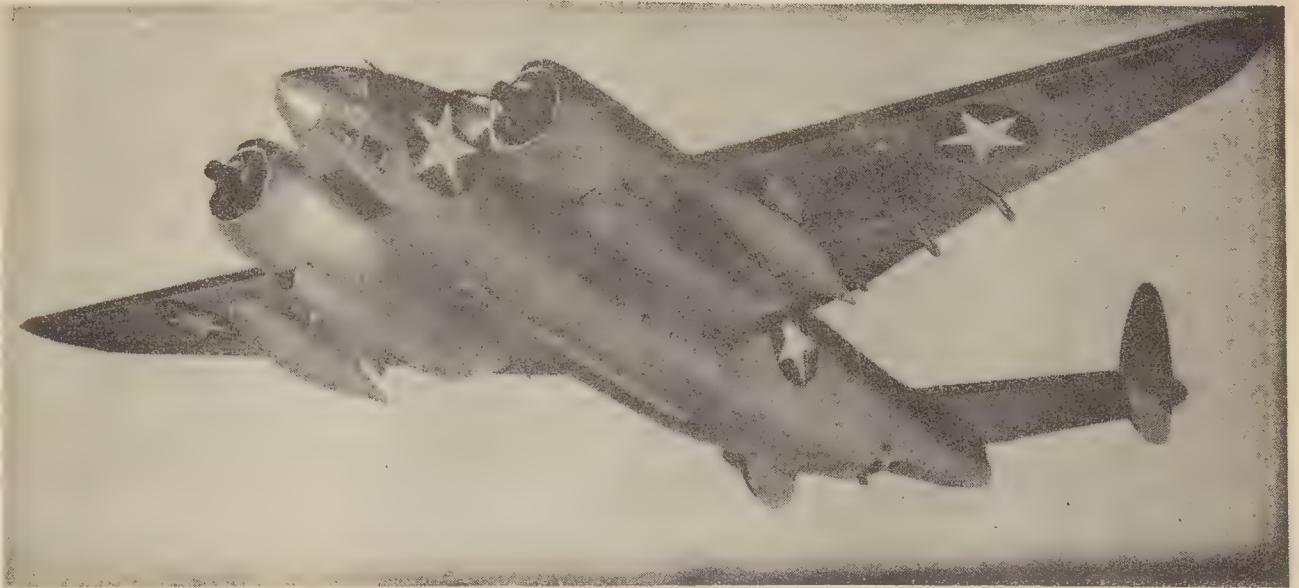
IV. STANDARD DESCRIPTION

A. Head-On: _____

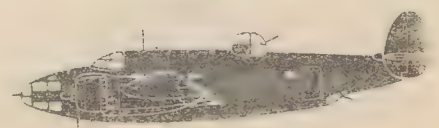
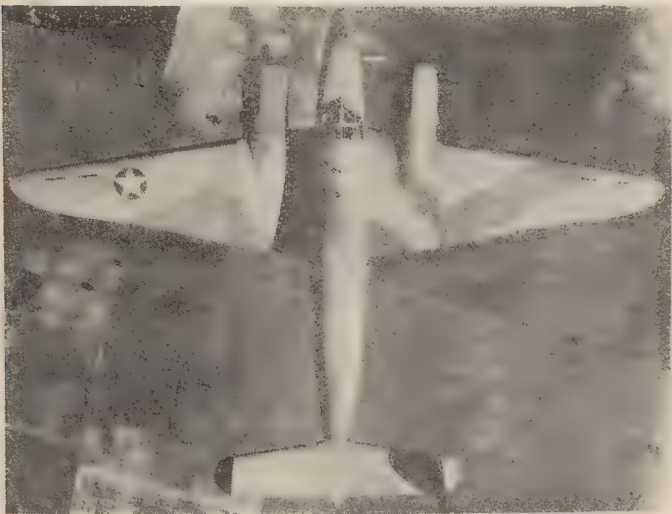
B. Plan: _____

C. Side: _____

VEGA VENTURA B-34 U.S. ARMY MED. BOMBER



WING SPAN-65' (65'-6") LENGTH-51' (51'-5")



DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

DOUGLAS SKYMASTER C-54 U.S. ARMY CARGO



WING SPAN-117' (117'-6")

LENGTH-94' (93'-10")



DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BRIEF: _____

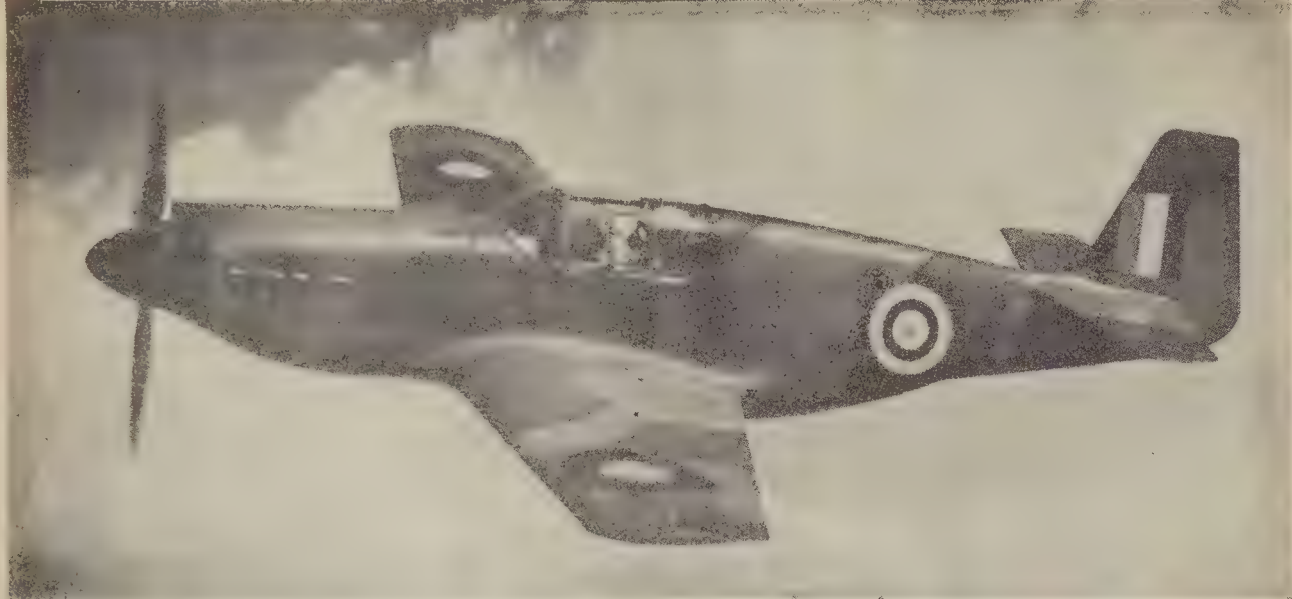
IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

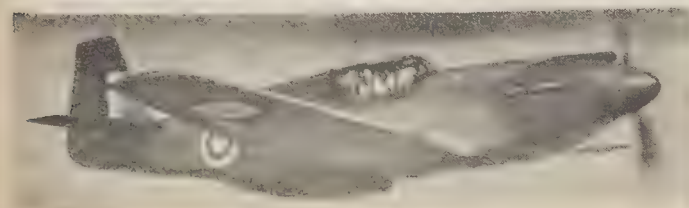
C. Side: _____

NORTH AMERICAN MUSTANG P-51 U.S. ARMY PURSUIT



WING SPAN-37'

LENGTH-32'(32'-3")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h:

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

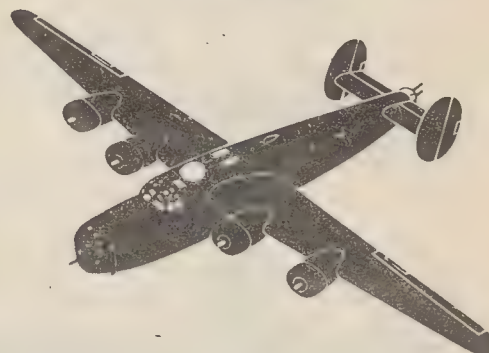
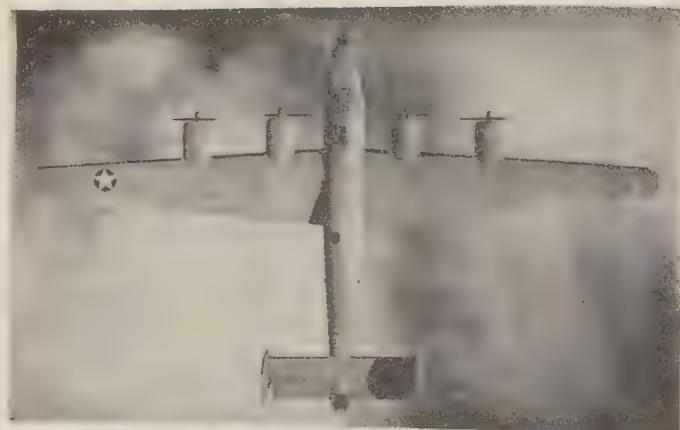
C. Side: _____

CONSOLIDATED LIBERATOR B-24 U.S. ARMY BOMBER



WING SPAN-110'

LENGTH-66' (66'-4")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____
_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

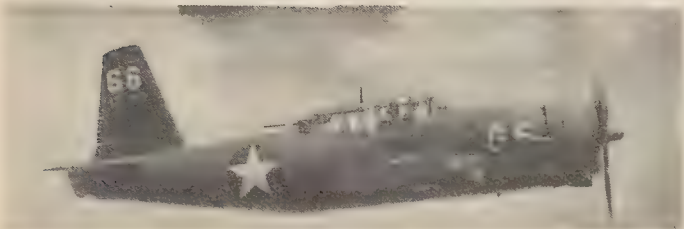
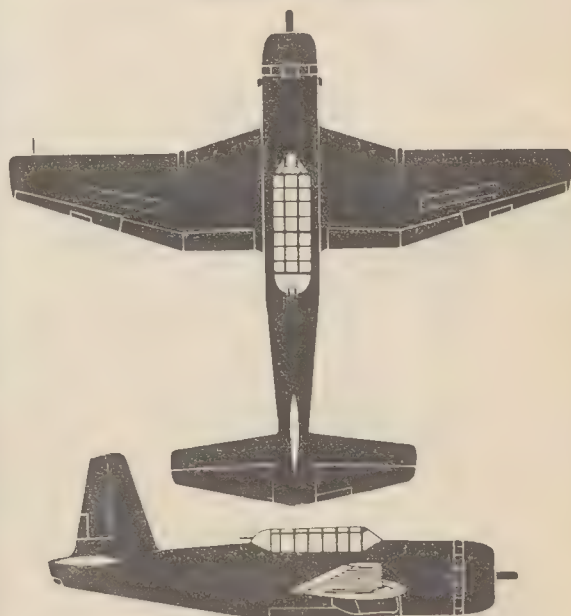
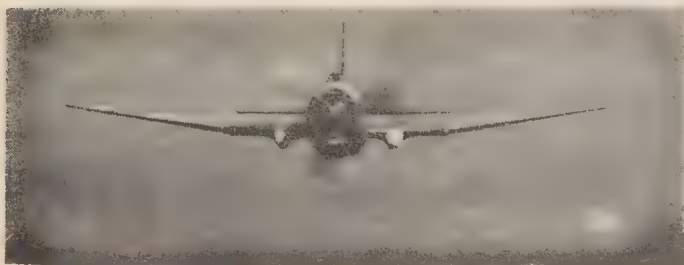
C. Side: _____

VULTEE VENGEANCE A-31 (A-35) U.S. ARMY ATTACK



WING SPAN-48'

LENGTH-40'



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____
_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h:

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

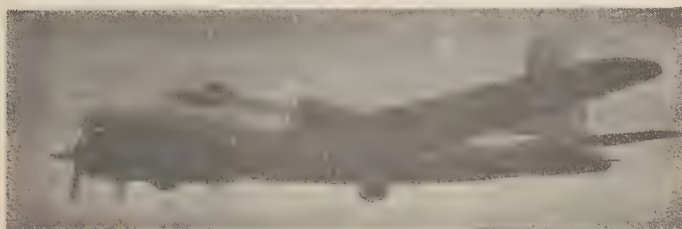
C. Side: _____

BOEING FORTRESS B-17 U.S. ARMY BomBER



WING SPAN-104' (103'-10")

LENGTH-74' (73'-10")



DATA SHEET

I NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament _____

Bomb load _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

SUPERMARINE SPITFIRE

BR.

FIGHTER



WING SPAN-37'(36'-10")

LENGTH-30'(29'-11")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____
_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h:

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

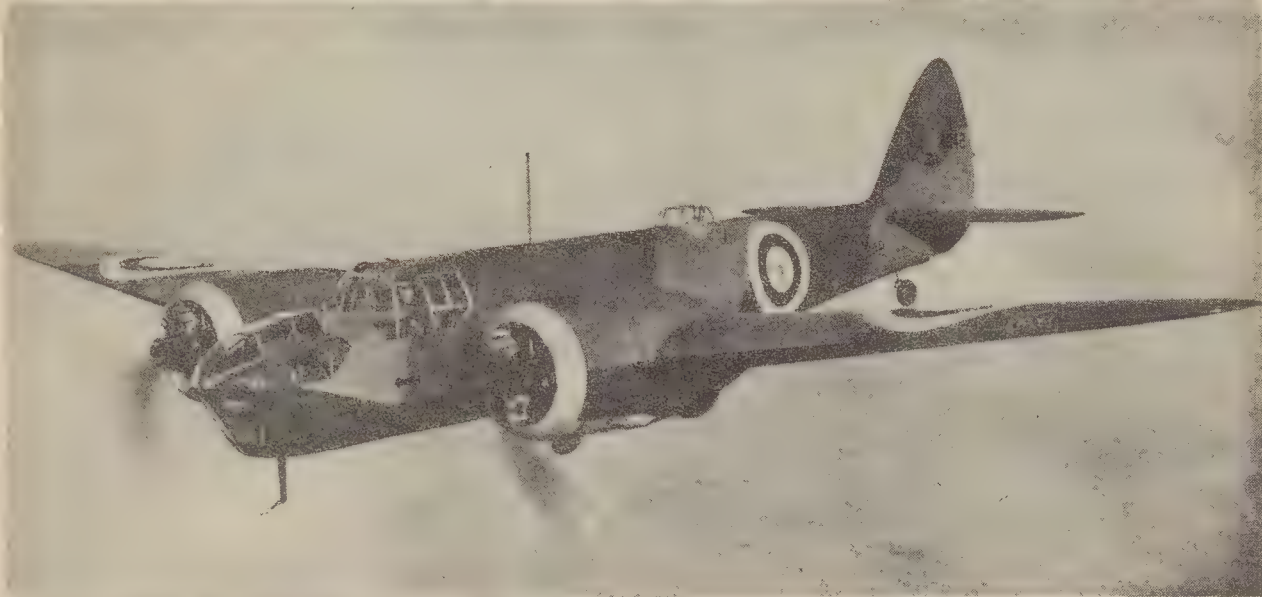
B. Plan: _____

C. Side: _____

BRISTOL BLENHEIM

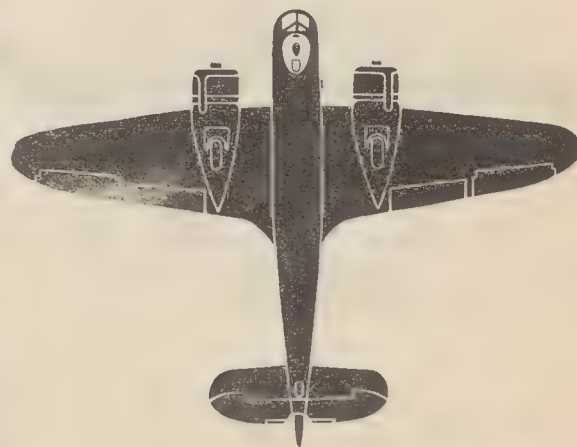
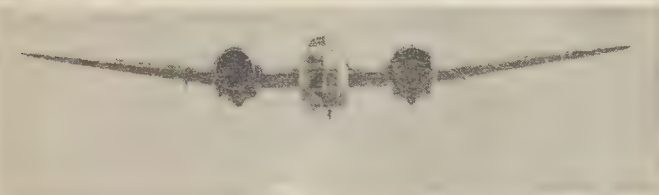
BR.

MED. BOMBER



WING SPAN-56'(56'-4")

LENGTH-44'(43'-9")



DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BRIEF: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

AVRO LANCASTER

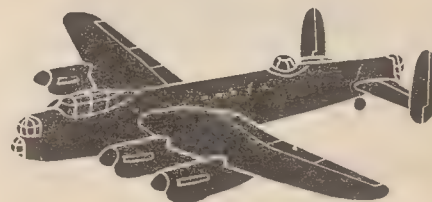
BR.

BOMBER



WING SPAN-102'

LENGTH-69' (66'-4")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREWZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

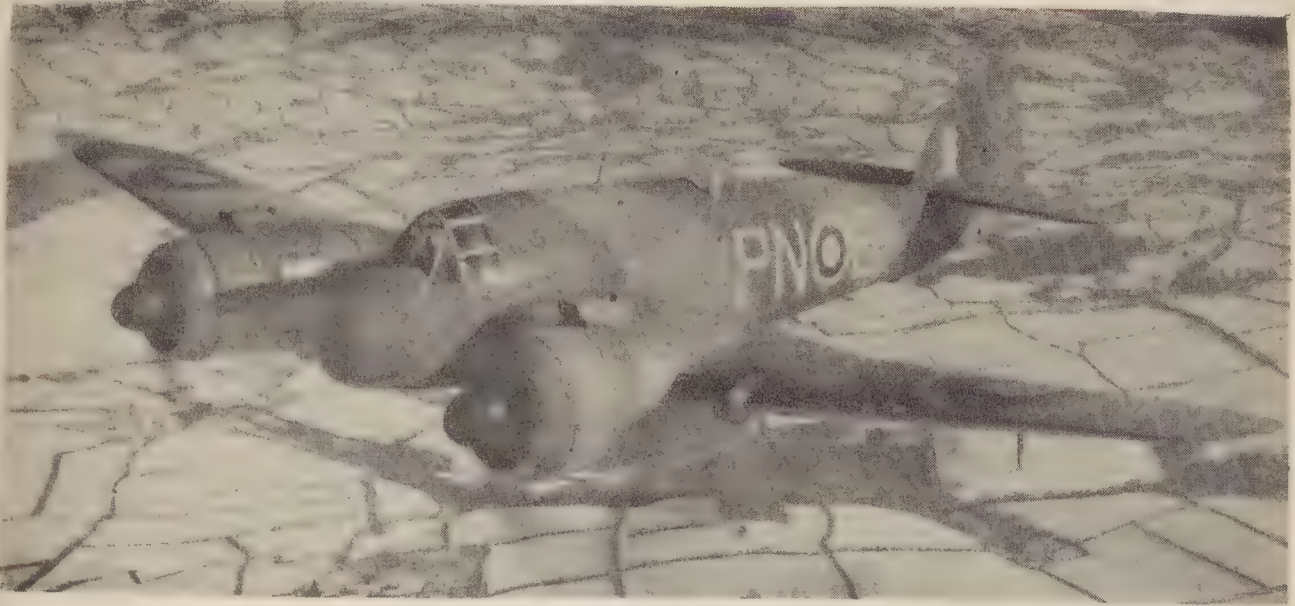
B. Plan: _____

C. Side: _____

BRISTOL BEAUFIGHTER

BR.

FIGHTER



WING SPAN-58' (57'-10")

LENGTH-41' (41'-6")



DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h:

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

HAWKER HURRICANE

BR.

FIGHTER



WING SPAN 40'

LENGTH-31(31-6)



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CRP _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____
_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

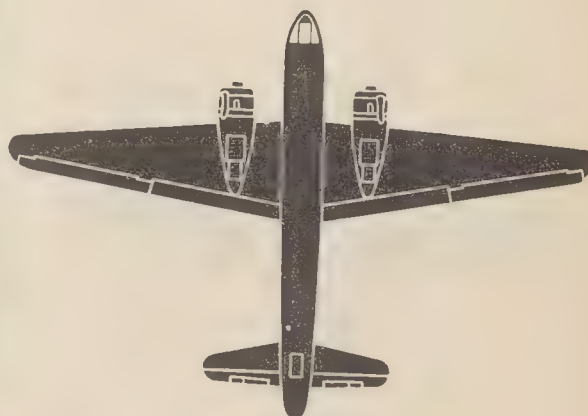
C. Side: _____

VICKERS-ARMSTRONG WELLINGTON BR. MED. BOMBER



WING SPAN-86'(26'-2")

LENGTH-61'(18'-6")



DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____
_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

BRISTOL BEAUFORT

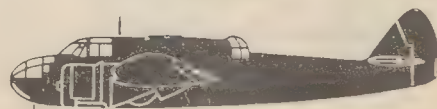
BR.

TORPEDO BOMBER



WING SPAN-58'

LENGTH-45'(44'-7")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____
_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h:

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

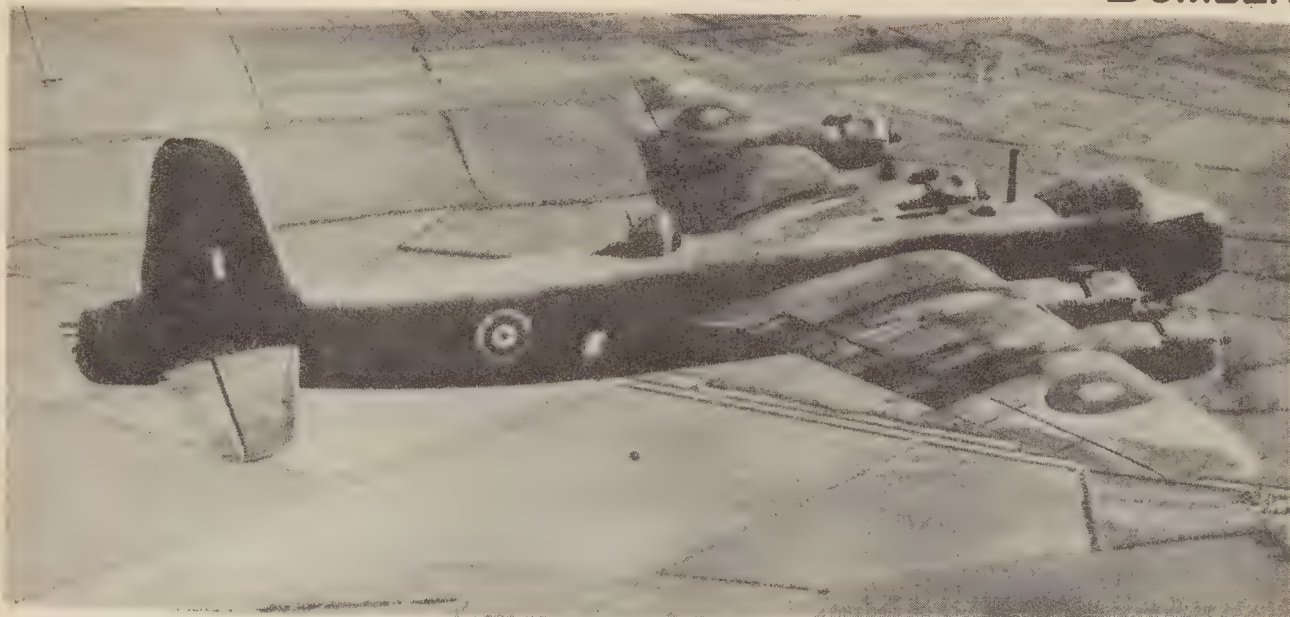
B. Plan: _____

C. Side: _____

SHORT STIRLING

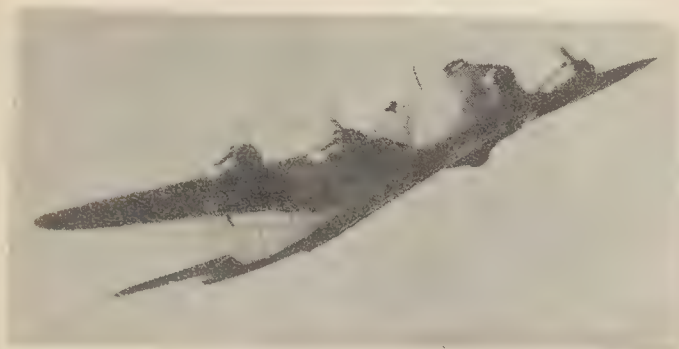
BR.

BOMBER



WING SPAN-99'

LENGTH-67' (67'-3")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____
_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BRIEF: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

HANDLEY PAGE HALIFAX

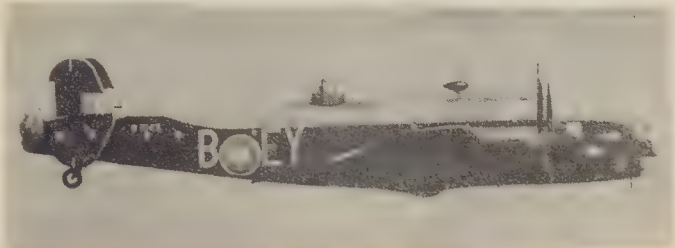
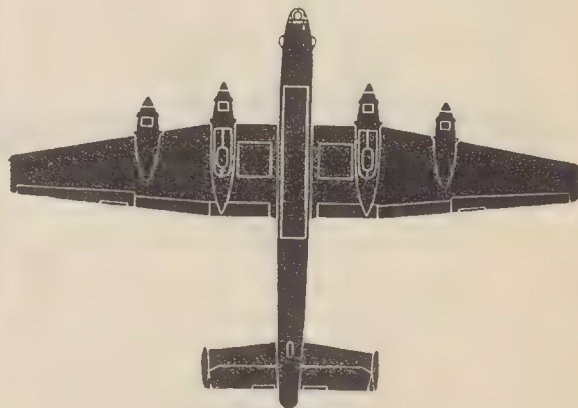
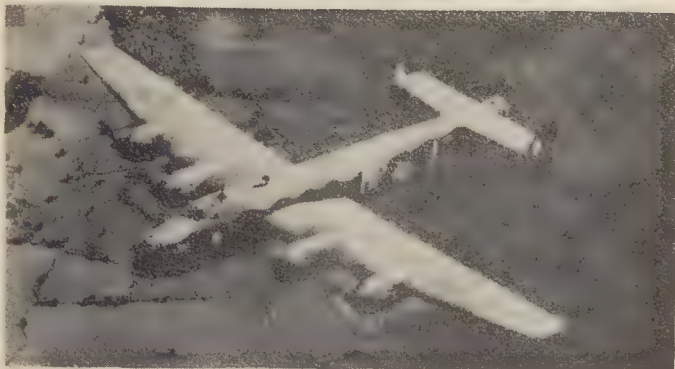
Br.

BOMBER



WING SPAN-99'

LENGTH-70' (70'-11")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament _____

Bomb load: _____

III. DREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

DE HAVILLAND MOSQUITO BR. FIGHTER ATTACK



WING SPAN-54'

LENGTH-40'(40'-6")



DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____
Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____
_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. GREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

HAWKER TYPHOON

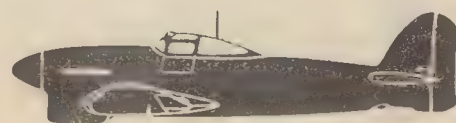
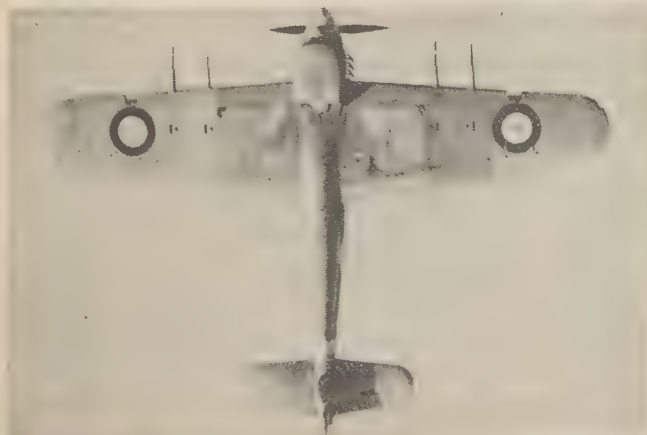
BR.

FIGHTER



WING SPAN-41'

LENGTH-32'



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h:

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

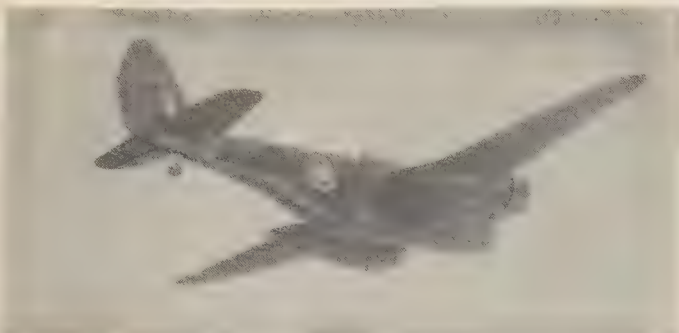
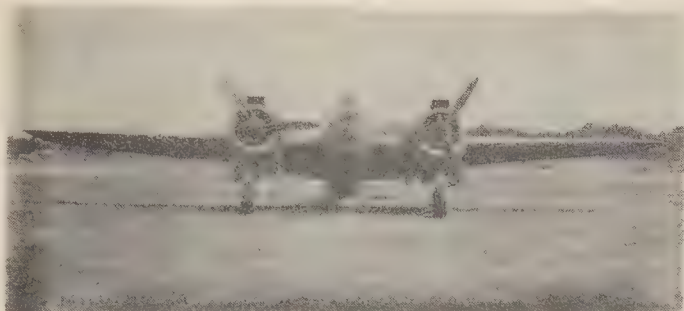
C. Side: _____

MARTIN BALTIMORE A-30 U.S. ARMY LIGHT BOMBER (A)



WING SPAN-61' (61'-4")

LENGTH-48' (48'-6")



DATA SHEET

I NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

SHORT SUNDERLAND

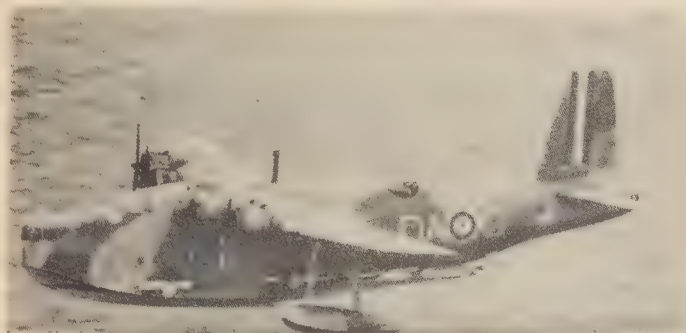
BR.

PATROL BOMBER



WING SPAN-113'(112'-10")

LENGTH-85'(85'-4")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I. NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II. SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb load: _____

III. NOTES: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

C. Side: _____

GRUMMAN HELLCAT F6F U.S. NAVY FIGHTER



WING SPAN - 44' (43'-10")

LENGTH - 33' (33'-6")



SAN ANTONIO AVIATION CADET CENTER

DATA SHEET

I NAME OF AIRCRAFT _____ Type _____ CREW _____

Manuf. _____ Army Desig. _____ Navy Desig. _____

II SPECIFICATIONS

Engine: Type _____ Manuf. and Model _____

_____ HP at _____ feet.

Speed (Max.): _____ m.p.h. at _____ feet.

Range (Normal): _____ miles at _____ m.p.h.

Service Ceiling: _____ feet.

Rate of Climb: _____ feet in _____ min.

Armament: _____

Bomb Load: _____

III. BREEZE: _____

IV. STANDARD DESCRIPTION

A. Head-On: _____

B. Plan: _____

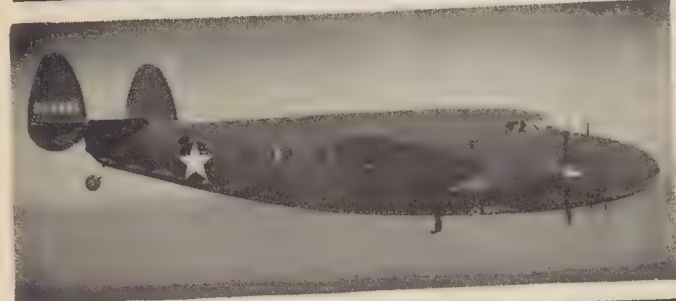
C. Side: _____

LOCKHEED LODESTAR C-60 U.S. ARMY CARGO



WING SPAN-66' (65'-8")

LENGTH-50' (49' 10")



SAN ANTONIO AVIATION CADET CENTER

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GLOSSARY OF RECOGNITION TERMS

- Absolute ceiling** - The maximum height at which a plane can maintain level flight with its normal load.
- Aerodynamics** - The branch of dynamics dealing with the motion of and aid with the forces acting on solids in motion relative to the air.
- Aileron** - A hinged, movable portion of a wing, usually located on the trailing edge and extending from the wing tip to a point midway towards the fuselage, which is used to control the plane's action around its longitudinal axis.
- Airfoil** - Any surface, such as an airplane wing, aileron or rudder, designed to obtain reaction from the air through which it passes.
- Air scoop** - A scoop or hood designed to catch the air and maintain the air pressure to internal combustion engines, radiators and ventilators.
- Amphibian** - An airplane designed to rise from and alight on either land or water.
- Anal aperture** - A cutaway on the underside of the fuselage aft to provide a flexible gun emplacement.
- Angle, dihedral** - The acute angle between the longitudinal center line of the wing and the lateral axis of the airplane. When a plane has positive dihedral, the wings slope upward toward their tips.
- Armament** - Total ordnance and ammunition carried by aircraft.
- Arrester hook** - A hook lowered by a carrier-based airplane to engage the arresting gear on the carrier for use in limited space landings. It is located in the tail of the fuselage and is retractable.
- Belly** - A colloquial term for the under, central portion of the fuselage.
- Belly tank** - An auxiliary gas tank, carried either outside the fuselage or in the bomb bay, for the purpose of increasing the range of the plane.
- Biplane** - An airplane with the two main supporting wings placed one above the other.
- Blast tube** - A steel tube which fits over the barrel jacket of a gun and extends out from the plane to clear all parts and prevent damage by the blast of the gun.
- Blimp** - A colloquial term for a non-rigid airship.
- Blister** - A colloquial term for a streamlined, transparent housing protruding from the fuselage, containing flexible mounted, free-firing guns.
- Bomb bay** - The space in the belly of an airplane provided for the loading of bombs. It is covered over with bomb bay doors.
- Cabane strut** - A strut supporting a parasol wing from the fuselage.
- Cabane wires** - Bracing wires running between cabane struts.
- Camber** - The curvature of an airfoil section. "Upper camber" refers to the curvature of the upper surface, "lower camber" to the lower surface, and "mean camber" to the line midway between the upper and lower surfaces.
- Cantilever** - That type of construction in which a wing, fin or other structure is internally braced and requires no external struts or wires.
- Center section** - The central panel of a wing.

GLOSSARY OF RECOGNITION TERMS

Chord line - A straight line from the leading to the trailing edge of an airfoil. The term chord is used to denote the length of the chord line.

Cockpit enclosure - A space in an airplane for the accommodation of pilots or passengers.

Control surface - A movable airfoil designed to be rotated or otherwise moved by the pilot in order to change the course or altitude of the plane.

Counter balance - That portion of a movable airfoil control surface which is located forward of the movement of the air force about the hinge axis. It makes the control more sensitive and tends to prevent flutter.

Cowling, engine - A removable covering placed around all or part of the engine.

Cowl flaps - Small, hinged sections on the after edge of the engine cowling which may be opened or closed to regulate the flow of cooling air through the engine.

Critical altitude - The altitude at which maximum speed in level flight is obtained.

De-icing boots - Rubber covers attached to the leading edge of a wing, fin or stabilizer, which may be expanded and contracted by the use of compressed air fed through tubes, and which serves to break away ice forming on the wings and prevent loss of lift.

Dihedral - See angle, dihedral.

Dorsal - Refers to the top side of the fuselage.

Elevator - (or flipper) - A movable, auxiliary airfoil, usually hinged to

the horizontal stabilizer, used to control the movement of the plane about its lateral axis, i.e., to raise or lower the nose.

Empennage - The complete tail assembly, including fin, rudder, stabilizer, elevator and all bracing wires and struts.

Engine cowling - See cowling, engine.

Exhaust outlet - The port through which the exhaust gases escape from the airplane.

Fairing - An auxiliary member of structure which serves to streamline and reduce the drag of the part to which it is fitted.

Fillet - The fairing of the wing or stabilizer into the fuselage, or of struts into the wing or fuselage.

Fin - (vertical stabilizer) - A fixed, vertical airfoil, part of the empennage, which affords directional stability.

Flaps - A hinged or pivoted airfoil, forming the rear portion of an airfoil; used to vary the gliding angle in landing or diving.

Float - A water-tight structure attached to an aircraft to give it buoyancy and stability when in contact with water.

Flying boat - A form of seaplane whose main body or hull provides flotation.

Fuselage - The body of the airplane, to which wings, empennage and landing gear are attached, and which contains the useful load.

Greenhouse - A colloquial term for the cockpit enclosure.

Gun ports - Small openings in the leading edge of the wing, in the upper

GLOSSARY OF RECOGNITION TERMS

forward cowl ring, or in the fuselage, through which the muzzle or blast tube of a gun protrudes.

Horizontal stabilizer - See stabilizer, horizontal.

Hull - The portion of a flying boat which furnishes buoyancy in the water and accommodates the useful load.

In-line engine - An engine having its cylinders arranged in a straight line along a common crankshaft.

Knees - A projection in front of the leading edge and below the underside of a wing made by a landing gear.

Landing gear - The gear which supports the aircraft in take-off or landing.

Leading edge - The foremost edge of an airfoil or propeller blade.

Loop (radio direction finder) - A tubular ring located inside the cockpit, or extending perpendicularly above the wing or fuselage on the outside, which contains the antenna used for obtaining radio bearings in navigation.

Monocoque - A term applied to the method of fuselage construction which relies on the strength of the skin or shell for structural stiffness. The shell is reinforced vertically by structural bulkheads or rings.

Monoplane - An airplane which has but one main supporting wing, sometimes divided into two parts by the fuselage.

Multiplane - An airplane having two or more wings, one over the other.

Nacelle - An enclosed shelter for personnel or power plant, usually shorter than a fuselage, and does not carry the tail unit.

Nose - The foremost part of the fuselage or hull.

Nose gunner's compartment - The space in the nose accommodating a gunner.

Nose wheel - An auxiliary landing wheel, placed under the nose of an airplane having tricycle landing gear.

Pitot tube - A cylindrical projection, with an open end, usually extending forward from the leading edge of the wing, used in determining airspeed.

Pontoon, main - Obsolete. See float.

Pontoon, wingtip - A stabilizing pontoon placed relatively far out from the hull or main pontoon, usually near the wingtip, which does not contribute to the buoyancy of the plane but serves to stabilize and keep the wing tips out of the water. Sometimes they are retractable into the wing.

Propeller - A device for propelling a craft through a fluid by the dynamic action of its blades on the fluid.

Propeller hub - The metal unit that is used to mount the propeller on the engine crankshaft cf. spinner.

Pusher - A type of plane, engine or propeller wherein the propeller is mounted behind the engine and pushes the plane through the air.

Radial engine - An engine having its cylinders arranged radially around a common crank arm.

Radiator - A device for cooling a liquid contained in it or running through it.

Root - The base of a wing where it is attached to the fuselage, or of a propeller blade where it is attached to the hub.

GLOSSARY OF RECOGNITION TERMS

- Rudder** - A hinged, vertical airfoil whose function is to induce yaw, or side-to-side motion of an aircraft.
- Scoop** - See Air scoop.
- Seaplane** - An airplane designed to rise from, and alight on, water.
- Service ceiling** - The altitude at which a given airplane is unable to climb faster than 100 ft. per minute.
- Slat** - A movable, auxiliary airfoil, attached to the leading edge of a wing, which when closed falls within the original contour of the wing and which when opened forms a slot.
- Slot** - A passage through a wing which serves to improve the airflow conditions at a high angle of attack and delay the stalling of the airfoil. These may be permanent, fixed slots, built into the wing itself, or adjustable, produced by the use of slats.
- Span** - (wing span) - The maximum distance from wing tip to wing tip.
- Spinner** - A fairing, fitted over the propeller hub, which serves to streamline the hub.
- Sponson** - A stabilizing fin on a hull which stabilizes a plane on the water. It performs much the same function as an outrigger on a canoe.
- Stabilizer, stub wing** - (or hydrofoil) A wing-like projection from the side of the hull of a flying boat which serves to maintain stability and increase buoyancy in the water, and acts to increase the hydrodynamic lift on the take-off.
- Stabilizer, vertical** - See fin.
- Stagger** - The offset, fore and aft, of the wings of a biplane. When the upper wing is forward of the lower wing, it is called positive stagger.
- Step** - A break in the form of the bottom of a pontoon or hull which aids in take-offs through lessened resistance and suction, and improved control.
- Stinger** - A gun emplacement at the tip of the fuselage.
- Supercharger** - A device to supply an engine with more air than would normally be furnished by the reduced atmospheric pressure at high altitudes.
- Tail wheel** - An auxiliary landing wheel for supporting the tail of the airplane on the ground.
- Tractor** - A type of plane, engine or propeller wherein the propeller is mounted in front of the engine and pulls the plane through the air cf. pusher.
- Trailing edge** - The aftermost edge of an airfoil or propeller blade.
- Trim tab** - A small, hinged auxiliary control surface attached to such a primary control as an aileron rudder or flipper, which serves to adjust semi-permanently, the primary control to which it is attached. It is used to trim the aircraft for steady, level flight.
- Turrets** - Dome shaped, rotating structures of transparent material which contains defensive guns, and may be either hand or power operated.
- Ventral** - The bottom or under side of a fuselage.
- Wheel well** - A compartment in the wing, nacelle or fuselage into which retractable landing wheels nest.

UNITED STATES AND BRITISH AIRCRAFT SPECIFICATIONS

IDENTIFICATION AND TACTICAL FUNCTIONS OF AIRCRAFT
A.A.FRS. (PILOT) S.A.A.C.C. SAN ANTONIO, TEXAS

This chart is based on information from various sources and has been checked with available official information. All dimensions are average and subject to considerable variations because of differences in pilot technique, load, C. G., etc.

MANUFACTURER and NAME		DESIG. WING, FUS., CREW or TYPE SPAN LENG. NO.		ENGINE		ENGINE HORSE POWER APPROXIMATE		MAX. SPEED		NORMAL RANGE		SERVICE CEILING (FT.)		RATE OF CLIMB		ARMAMENT		BOMB LOAD (lbs.) TROOPS or CARGO	
Be 11	AIRACOBRA	P-39 Q	34'	30'	1	V-12 Allison	1000 HP at 14,000 ft.	394 MPH at 9700 ft.	675 miles at 240 MPH	31,000	15,000 ft. in 5 1/2 min.	1 x 37 mm. cannon 4 x .50 MG	1 x 500 in Place of belly tank						
Grumman	AVENGER	TBF	54'	41'	3	2-Row Wright Cyclone	1350 HP at 5000 ft.	253 MPH at Sea Level	905 miles at 190 MPH	21,700	13,000 ft. in 6 3/4 min.	2 x .30 MG 1 x .50 MG	1 x 2000 torpedo or 4 x 500 bombs						
Martin	BALTIMORE	A-30	61'	48'	4	(2) 2-Row Wright GR-2600-13	1275 HP at 11,500 ft.	320 MPH at 11,000 ft.	1100 miles at 250 MPH	25,000	15,000 ft. in 9 min.	10 x .30 MG 2 x .50 MG	Normal 1000 Maximum 2000						
Bristol	BEAUFIGHTER 3	Fighter	58'	41'	2	(2) Bristol Mercuries 6	1300 HP at 13,500 ft.	333 MPH at 15,600 ft.	1480 miles at 243 MPH	28,800	15,000 ft. in 9 min.	6 x .303 MG 4 x 20 mm. cannon	No Bombs Normally Carried						
Bristol	BEAUFORT 2	Torpedo Bomber	58'	45'	4	(2) 2-Row V Bristol Mercuries 2 A	965 HP at 5000 ft.	275 MPH at 6500 ft.	1510 miles at 222 MPH	17,000	15,000 ft. in 20 min.	8 x .303 MG	Normal 1000 Maximum 2000						
Brewster	BIENHEIM 5	Medium Bomber	66'	43'	3	(2) Bristol Mercury 15	825 HP at 13,000 ft.	244 MPH at 6000 ft.	1230 miles at 170 MPH	19,500	10,000 ft. in 7 min.	4 x .303 MG 3 x 20 mm. cannon	Normal 1000 Maximum 1500						
Brewster	BUCCANEER	A-34 S82A	47'	39'	2	2-Row Wright R-2600-19	1275 HP at 11,500 ft.	314 MPH at 15,000 ft.	2000 miles at 150 MPH	26,600	10,000 ft. in 4 min.	7 x .50 MG	Normal 500 Maximum 1000						
Consolidated	CATALINA	PBY	104'	64'	5-6	(2) P & W Masps	1050 HP at 7500 ft.	184 MPH at 7500 ft.	1000 miles at 100 MPH	19,300	5000 ft. in 5 min.	2 x .50 MG 2 x .30 MG	Normal 1000 Maximum 4000						
Curtiss	COMMANDO	C-46 RSC-1	108'	76'	3	(2) P & W R-2800-51	1450 HP at 13,000 ft.	238 MPH at 13,000 ft.	2505 miles at 140 MPH	22,000	16,000 ft. in 13 min.	8300 lbs. cargo (at max. range) Maximum Troops - 40 with equipment	Normal 500 Maximum 1000						
Consolidated	CORONA DO	PBY	115'	79'	7	(4) P & W Twin Masps	1000 HP at 9000 ft.	225 MPH at 19,000 ft.	4400 miles at 127 MPH	19,700	10,000 ft. in 27 min.	3 x .50 MG	8 x 1000 or 20,000 lbs. Cargo						
Vought	CORSAIR	F4U	41'	33'	1	P & W Masps	1550 HP at 16,000 ft.	390 MPH at 25,300 ft.	970 miles at 177 MPH	34,200	20,000 ft. in 8 min.	6 x .50 MG	No Bombs Normally Carried						
Douglas	DAUNTLESS	A-24 SBD-3	42'	32'	2	Wright Cyclone	800 HP at 16,000 ft.	247 MPH at 16,000 ft.	975 miles at 155 MPH	25,200	15,000 ft. in 12 1/3 min.	2 x .50 MG 1 x .30 MG	Normal 500 Maximum 1600						
Boeing	FLYING FORTRESS	B-17F	104'	75'	6-10	(4) Wright R-1820-97	950 HP at 5000 ft.	310 MPH at 25,000 ft.	2000 miles at 230 MPH	36,000	10,000 ft. in 8 1/2 min.	10 x .50 MG	Normal 1500 Maximum 15,000						
Handley-Page	HALIFAX 3	Heavy Bomber	98'	70'	7	(4) Bristol Cyclone	1300 HP at 13,500 ft.	270 MPH at 15,500 ft.	1810 miles at 150 MPH	23,000	15,000 ft. in 25 min.	6 x .303 MG	Normal 1000 Maximum 13,000						
Douglas	HAVOC (Boston)	A-20B P-70	61'	47'	2-3	(2) 2-Row Wright Cyclone	1275 HP at 11,500 ft.	340 MPH at 13,000 ft.	800 miles at 280 MPH	25,300	15,000 ft. in 10 1/2 min.	4 x 20 mm. cannon 2 x .50 MG or 6 x .50 MG	Normal 1000 Maximum 1500						
Grumman	HELLCAT	F6F	43'	33'	1	2-Row P & W Douglas Masps	2000 HP	390 MPH at 20,000 ft.	1000 miles	35,000	15,000 ft. in 5 min.	6 x .50 MG	No Bombs Normally Carried						
Curtiss	HELLDIVER	A-25A S82C	50'	37'	2	2-Row Wright Cyclone	1700 HP at 1500 ft.	304 MPH	1200 miles at 171 MPH	23,000	10,000 ft. in 8 1/2 min.	2 x 20 mm. cannon 1 x .50 MG	Normal 2000						
Hawker	HURRICANE 28	Fighter	40'	31'	1	V-12 R. R. Merlin 20	1170 HP at 21,000 ft.	335 MPH at 22,000 ft.	540 miles at 170 MPH	36,600	15,000 ft. in 6 min.	4 x 20 mm. cannon - Model 2C Mounts 12 x .303 MG + 2 x 500 bombs	Normal 200 Maximum 650						
Vought	KINGFISHER	OS2U-3	36'	34'	2	P. & W. J.F. Masps	400 HP at 5500 ft.	171 MPH at 5000 ft.	1200 miles at 120 MPH	13,900	10,000 ft. in 24 min.	2 x .30 MG	Normal 200 Maximum 3900						
Avro	LANCASTER 2	Heavy Bomber	102'	69'	7	(4) Bristol Hercules 6	1300 HP at 13,500 ft.	291 MPH at 15,500 ft.	1075 miles at 195 MPH	25,000	15,000 ft. in 20 min.	10 x .303 MG	Normal 12,750 Maximum 4000						
Consolidated	LIBERATOR	B-24G PB4Y	110'	66'	5-8	(4) 2-Row P & W R-1830	1100 HP at 25,000 ft.	316 MPH at 25,000 ft.	3100 miles at 204 MPH	34,000	20,000 ft. in 14 min.	9 x .50 MG	Normal 4000 Maximum 15,200						
Lockheed	LIGHTNING	P-38 F-4, 5	52'	38'	1	(2) V-12 Allison	1100 HP at 25,000 ft.	415 MPH at 28,000 ft.	1200 miles at 200 MPH	32,000	20,000 ft. in 7 min.	1 x 20 mm. cannon 4 x .50 MG	2 x 500						
Lockheed	LODESTAR	C-60 PB0-5	66'	50'	2-3	(2) Wright R-1820-87	1000 HP at at 8400 ft.	260 MPH at 15,000 ft.	1280 miles at 180 MPH	25,000	15,000 ft. in 10 min.	No Armament	Normal 2000						
Martin	MARINER	PM-3	118'	77'	7	(2) Wright Cyclone	1275 HP at 11,500 ft.	210 MPH at 13,000 ft.	1825 miles at 193 MPH	19,000	15,000 ft. in 7 min.	7 x .50 MG	Normal 4000						
Martin	MARAUDER	B-26C	71'	58'	7	(2) 2-ROW P & W R-2800	1450 HP at 13,000 ft.	310 MPH at 13,000 ft.	1840 miles at 200 MPH	23,400	15,000 ft. in 7 min.	13 x .50 MG	Normal 2000						
North American	MITCHELL	B-25D PB1	67'	54'	5	(2) 2-Row Wright Cyclone	1350 HP at 13,000 ft.	322 MPH at 15,000 ft.	2050 miles at 170 MPH	30,000	15,000 ft. in 8 min.	6 x .	Normal 2000						
De Havilland	MOSQUITO 5	Light Bomber	54'	41'	2	(2) V-12 R. R. Merlin 21	1180 HP at 18,000 ft.	379 MPH at 22,000 ft.	1600 miles at 240 MPH	29,500	15,000 ft. in 8 min.	No Armament	Normal 2000						
De Havilland	MOSQUITO 6	Fighter	54'	41'	2	(2) V-12 R. R. Merlin 21	1180 HP at 18,000 ft.	351 MPH at 22,000 ft.	1600 miles at 240 MPH	29,500	15,000 ft. in 8 min.	2 x .303 MG	No Bombs Normally Carried						
North American	MUSTANG	P-51 A-36	37'	32'	1	V-12 Allison R. R. Merlin	1410 HP at at 14,000 ft.	410 MPH at 17,300 ft.	640 miles at 300 MPH	36,000	20,000 ft. in 8 min.	4 x 20 mm. cannon 6 x .50 MG or 4 x 20 mm. cannon	Normally Carried No Bombs						
Curtiss	SEAGULL	S03C-1	38'	36'	2	Air cooled V-12 Ranger	450 HP at 12,500 ft.	190 MPH at 7500 ft.	1200 miles at 140 MPH	23,000	10,000 ft. in 13 1/2 min.	2 x .30 MG	Normal 200 Maximum 650						
Douglas	SKYMASTER	C-54A R5D-1	117'	94'	6	2-Row P & W Hornet	1100 HP at 7000 ft.	282 MPH at 15,400 ft.	2080 miles at 188 MPH	22,200	10,000 ft. in 13 min.	Normal 50 Troops with equipment Maximum 16,070 lbs. Cargo	Normal 5000						
Douglas	SKYTRAIN	C-47 R4D-1	96'	64'	2-3	(2) P. & W. Twin Masps	1050 HP at 7000 ft.	230 MPH at 8800 ft.	1170 miles at 137 MPH	23,700	10,000 ft. in 15 min.	Normal 8200 lbs. Cargo + 500 Gal. Gas 2 8 Troops with Equipment	Normal 5000						
Supermarine	SPITFIRE 9	Fighter	37'	29'	1	V-12 R. R. Merlin 61	1190 HP at 25,000 ft.	406 MPH at 28,500 ft.	472 miles at 228 MPH	40,700	15,000 ft. in 4 min.	4 x .303 MG	Normal 5000						
Short	STIRLING 3	Heavy Bomber	99'	87'	7	(4) Bristol Hercules 6	1300 HP at 13,500 ft.	285 MPH at 15,500 ft.	2000 miles at 200 MPH	22,000	15,000 ft. in 25 min.	8 x .303 MG	Normal 5000						
Short	SUNDERLAND 4	Patrol Bomber	113'	85'	6	(4) Bristol Pegasus 17	1675 HP at 9500 ft.	264 MPH at 9500 ft.	2850 miles at 178 MPH	19,000	5000 ft. in 6 1/2 min.	7 x .302 MG	Normal 1000						
Republic	THUNDERBOLT	P-47G	41'	33'	1	2-Row P & W Double Masps	1825 HP at 25,000 ft.	414 MPH at 28,000 ft.	750 miles at 250 MPH	45,000	15,000 ft. in 6 min.	6 or 8 x .	No Bombs Normally Carried						
Hawker	TYPHOON	Fighter	42'	32'	1	Hapler Sabre 2	1675 HP at 16,300 ft.	414 MPH at 21,000 ft.	610 miles at 238 MPH	34,600	20,000 ft. in 7 1/2 min.	4 x 20 mm. cannon	Normally Carried No Bombs						
Vultee	VENGEANCE	A-31 A-35	48'	40'	2	2-Row Wright Cyclone	1350 HP at 5000 ft.	275 MPH at 12,000 ft.	930 miles at 246 MPH	25,500	19,700 ft. in 17 min.	5 x .50 MG	Normal 500 Maximum 1500						
Lockheed-Vega	VENTURA	B-34 PV-1	65'	51'	5	R-2800-31	1450 HP at 13,000 ft.	315 MPH at 15,000 ft.	1150 miles at 200 MPH	32,500	10,000 ft. in 17 min.	4 x .50 MG	Normal 1750 Maximum 2400						
Curtiss	WARHAWK	P-40F	37'	32'	1	V-12 R. R. Merlin	1010 HP at 16,000 ft.	365 MPH at 19,300 ft.	910 miles at 225 MPH	34,400	15,000 ft. in 5 1/2 min.	6 x .50 MG	Normal 600 Maximum 720						
Vickers-Armstrong	WELLINGTON 10	Heavy Bomber	88'	57'	5	(2) Bristol Hercules 6	1200 HP at 13,500 ft.	265 MPH at 15,500 ft.	1490 miles at 185 MPH	24,000	15,000 ft. in 22 min.	2 x .50 MG 2 x .30 MG	Normal 4500						
Grumman	WILDCAT	F4F-4	28'	29'	1	Wright Cyclone	1000 HP at 12,500 ft.	310 MPH at 15,500 ft.	925 miles at 210 MPH	27,000	1950 FPM initial	6 x .50 MG	No Bombs Normally Carried						

Since British aircraft lack a designation, the type (fighter, bomber, etc.) appears in the column labeled "DESIG. n." In the case of all U.S. aircraft (except the Lightning, Mustang and Vengeance having the designations, the upper represents the Army; the lower the Navy and Marine Corps. The Lightning, Mustang and Vengeance have two Army designations indicating major changes in the prototype P-38, P-51 and

A-31. Both, however, are basically identical from the recognition viewpoint. The Sabre, Merlin, Allison and Ranger engines are considered IN-LINE type power plants. All are liquid cooled, with the exception of the Ranger which is air cooled. All Wright, Pratt & Whitney and Bristol engines are of the RADIAL type, air cooled.



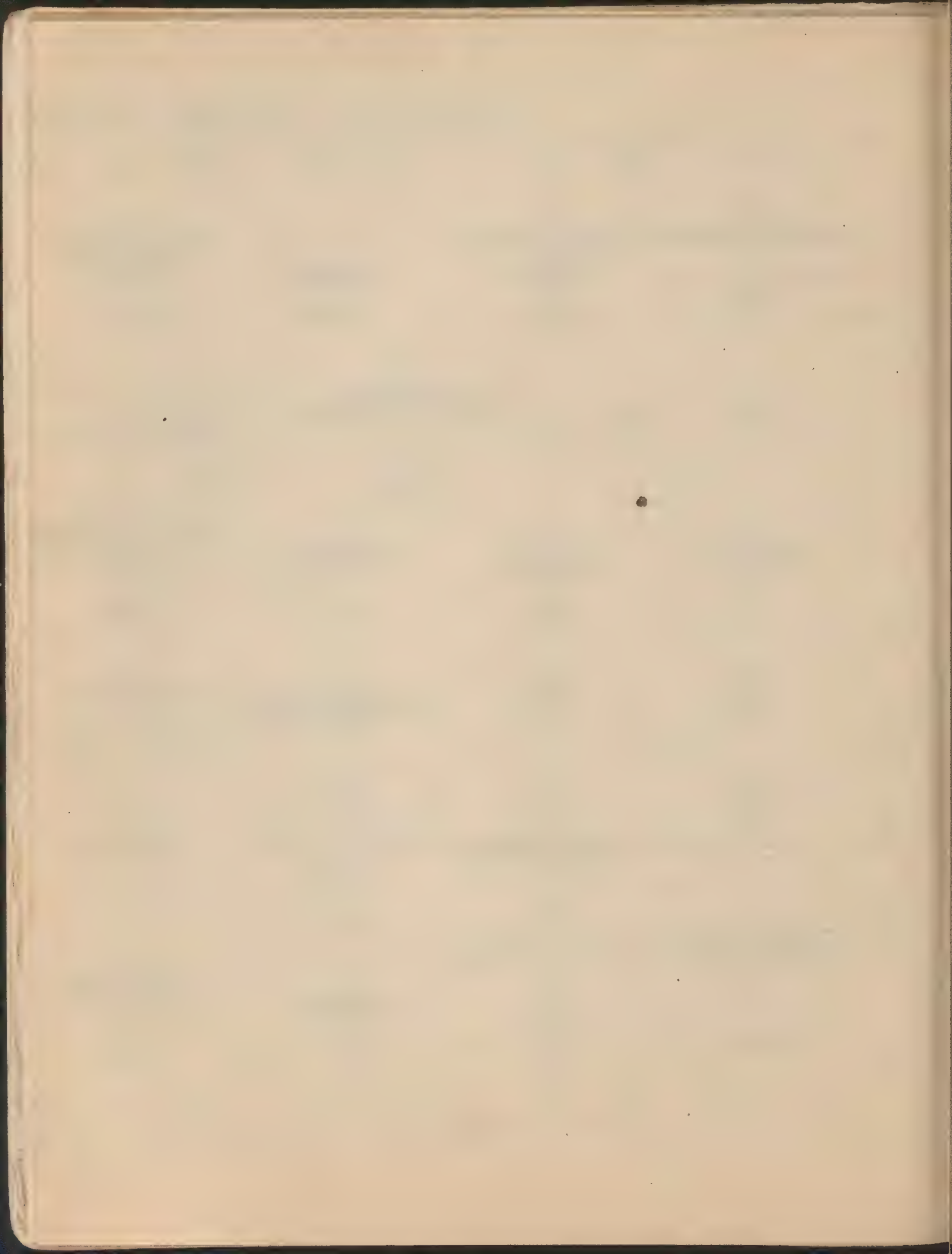
UNITED STATES AND BRITISH AIRCRAFT PROPORTIONAL PLAN VIEWS



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IDENTIFICATION AND TACTICAL FUNCTIONS OF AIRCRAFT

SLIDE REVIEW SHEET

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1. Messerschmidt	Me 109	33	1. 98627 X	1. 5 X
2. Corsair	F4U	41	2. 58307 C	2. 5 C
3. Mustang	P51		3. 64927 C	3. 3 X
4. Corsair	F4U	41	4. 41609 C	4. 4 X
5. Messerschmidt	109B	33	5. 72854 X	5. 3 C
			6. 61475 C	6. 2 C
			7. 49365 C	7. 3 X
			8. 32649 C	8. 7 X
			9. 95762 X	9. 14 X
			10. 30564 C	10. 45 X

PERIOD 5

AIRCRAFT ☐
NAME ERRORS

DESIG. SPAN

DIGITS ☐
ERRORS

COUNTERS ☐
ERRORS

1. Me 109	C	33	1. 60473 C	1. 3 C
2. Corsair	C	41	2. 46503 C	2. 6 C
3. Me 210	C	54	3. 28569 X	3. 5 X
4. Mustang	X		4. 64729 C	4. 9-10 X
5. Me 110	C	54	5. 32649 C	5. 10 X
6. Me 210	C	54	6. 36428 C	6.
7. P-51 Mustang	C		7. 87530 C	7.
8. Corsair	X	54	8. 34726 C	8.
9. Corsair	C	41	9. 19347 C	9.
10. Me 109	C	33	10. 14097 C	10.

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IDENTIFICATION AND TACTICAL FUNCTIONS OF AIRCRAFT

PERIOD 6

AIRCRAFT

☐

ERRORS

NAME

DESIG. SPAN

☐

ERRORS

1. Messerschmitt	Me 20	34	1. 3 X 11	Me 210 X
2. Focke Wulf	190	34	2. 6 C	12 Ju 88 X
3. Thunderbolt	P-47		3. 9 C	13. Zeke C
4. Avenger	JB3	54	4. 5 C	14. Me 210 C
5. Messerschmitt	210	54	5. 5 X	15. Ju 87 45
6. Corsair	F4U	41	6. 5 X	16. Me 109 C
7. Messerschmitt	109	33	7. 4 X	17. Hal X
8. Avenger	JB3	54	8. 9 C	18. Hal
9. Focke Wulf	190	34	9. 5 X	
10. Messerschmitt	110	54	10. 5 X	

PERIOD 7

AIRCRAFT

☒

ERRORS

NAME

DESIG. SPAN

1. Avenger	JB3	54	1. Corsair	87 C 45
2. Messerschmitt	Me 109	33	2. Mosquito	C 54
3. Rufe		40	3. Ju 87	X 45
4. Messerschmitt	210	54	4. Ju 88	C 66
5. Focke Wulf	190	34	5. Corsair	342 C 41
6. Zeke		40	6. Mitchell	X
7. Hal		36	7. Avenger	JB3 C 54
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10. Corsair	F4U	41	10. Hal	C 36

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2. ^x Douglas Skytrain	C47	88	2. 19347e	2. 4 e
3. Mosquito	C	54	3. 34726e	3. 9 X
4. Corsair	F4U	41	4. 261047e	4. 5 X
5. ^x Zivko		40	5. 703158e	5. 7 X
6. Messerschmitt	210	54	6. 490215e	
7. Junkers	Ju88	66	7. 262758e	
8. Junkers	Ju87	45	8. 513950e	
9. Messerschmitt	110	54	9. 815387e	
10. ^x B-24 ^x	B24	54	10. 87254✓	
11. ^x Hafe		36		
12. ^x Focke Wulf	190	37		
13. ^x Zivko		40		
14. Messerschmitt	110	54		
15. Junkers	Ju87	45		

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5.			10.		

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IDENTIFICATION AND TACTICAL FUNCTIONS OF AIRCRAFT

PERIOD 9 CONT'D.

DIGITS

ERRORS

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12.			2.	
13.			3.	
14.			4.	
15.			5.	
16.			6.	
17.			7.	
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19.			9.	
20.			10.	

PERIOD 10

AIRCRAFT

ERRORS

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1.			11.		
2.			12.		
3.			13.		
4.			14.		
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6.			16.		
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10.			20.		

IDENTIFICATION
AND
TACTICAL FUNCTIONS OF AIRCRAFT

SLIDE REVIEW SHEET

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PERIOD 11

AIRCRAFT ERRORS

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1.			9.		
2.			10.		
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5.			13.		
6.			14.		
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8.					

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AIRCRAFT ERRORS

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2. Hurricane X			2. 87524 C	Me 109
3. Spitfire C-47			3. 58307 C	Sp 87 54
4. Me 109, 100			4. 60473 C	Sp 87 54
5. Zivko X			5. 95682 C	Sp 87 54
6. C-47 100			6. 251387 C	1. Hurricane B26
7. C-47 100			7. 129538 X	2. B-46 C
8. Dornier 18 34			8. 490315 C	B-46 C
9. 114 34			9. 703158 C	B-26 C
10. C-47 33			10. 261047 C	B-46 C
11. C-47 51				
12. C-47 34				
13. C-47 66				
14. Hurricane X 100				
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1. Lightning C	P-38	52	14. Airacobra C	P-39	
2. X	P-210	57	15. C	P-109	23
3. X	P-28	66	16.		
4. Gouaille C	P-42		17.		
5. Boxtin X	P-20		18.		
6. Lightning C	P-38		19.		
7. Airacobra C	P-39		20.		
8. Wildcat C	P-43		DIGITS <input type="checkbox"/> ERRORS		
9. X	P-210	54	1. 14097 C	6. 14931 X	
10. Mitchell C	P-25		2. 46503 C	7. 75122 X	
11. C	P-47	45	3. 38559 C	8. 258317 X	
12. Boxtin C	P-20		4. 64729 C	9. 715246 X	
13. Warhawk C	P-40		5. 49365 C	10. 493056 X	

PERIOD 16

AIRCRAFT ☐ ERRORS

NAME	DESIG.	SPAN	NAME	DESIG.	SPAN
1. Lightning C	P-38		9. Boxtin C	P-20	
2. Mitchell C	P-25		10. Mitchell C	P-25	
3. C	P-28	66	11.		
4. X	P-28	66	12.		
5. Warhawk X	P-40		13.		
6. Mitchell C	P-25		14.		
7. Lightning C	P-38		15.		
8. Lightning C	P-38				

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DESIG. SPAN

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10.			2. 5 Hawock C	7. 2 Hawock X	
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13.			5. 3 F4F C	10. 9. Bessie X	

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PERIOD 19

AIRCRAFT ERRORS

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12.			4.	9.	
13.			5.	10.	

PERIOD 20

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2.			5.		
3.			6.		

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PERIOD 21 AIRCRAFT

☐
ERRORS

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5.			15.		
6.			COUNTERS (Identification) <input type="checkbox"/> ERRORS		
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8.			2.		
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6. Mitchell C	B-25		17.		
7. Betty X		50	18.		
8. Spitfire C	37		19.		
9. Me 110 C		54	20.		
10. Liberator X			DIGITS <input type="checkbox"/>		
11. Mustang C-46			ERRORS		
12. Sally C		72	1. 2 C-60	6.	
13. P-51 C		40	2. 2 Me 110	7.	
14. Betty C		50	3. 2 Mustang	8.	
15. Liberator C-46			4. 4 B-26	9.	
			5. 5 P-51	10.	

PERIOD 23

AIRCRAFT ☐

NAME	DESIG.	SPAN	NAME	DESIG.	SPAN
1. Mustang C		66	11. Betty C		50
2. P-51 X		36	12. Me 210 C		54
3. Me 210 C		54	13. Sally C		72
4. Do 217 X		62	14. Oscar C		38
5. Commando X	C-46		15. Avenger X	JB-54	
6. Spitfire C		37	16. Type C		40
7. Mustang C	P-51		17. Skyraider C	37	
8. Liberator C	B-26		18. B-26 C		
9. Commando C	C-46		19. Spitfire C		37
10. Do 217 C		62	20. Wildcat C	40	

SLIDE REVIEW SHEET

IDENTIFICATION

AND

TACTICAL FUNCTIONS OF AIRCRAFT

PERIOD 23 con't., 24

PERIOD 23 CONT D.

COUNTERS (Identification)

ERRORS

1. <i>He 111 74</i>	2. <i>He 111 74</i>	3. <i>He 111 74</i>	4. <i>He 111 74</i>
5. <i>He 111 74</i>	6. <i>He 111 74</i>	7. <i>He 111 74</i>	8. <i>He 111 74</i>
9. <i>He 111 74</i>	10. <i>He 111 74</i>	11. <i>He 111 74</i>	12. <i>He 111 74</i>

PERIOD 24

AIRCRAFT

ERRORS

NAME

DESIG. SPAN

NAME

DESIG. SPAN

1.			18.		
2.			19.		
3.			20.		
4.			21.		
5.			22.		
6.			23.		
7.			24.		
8.			25.		
9.			26.		
10.			27.		
11.			28.		
12.			29.		
13.			30.		
14.					
15.					
16.					
17.					

IDENTIFICATION
AND
TACTICAL FUNCTIONS OF AIRCRAFT

SLIDE REVIEW SHEET

PERIOD 25, 26

PERIOD 25

AIRCRAFT

ERRORS

NAME	DESIG.	SPAN	NAME	DESIG.	SPAN
1.			16.		
2.			17.		
3.			18.		
4.			19.		
5.			20.		
6.			21.		
7.			22.		
8.			23.		
9.			24.		
10.			25.		
11.			26.		
12.			27.		
13.			28.		
14.			29.		
15.			30.		

PERIOD 26

AIRCRAFT

ERRORS

NAME	DESIG.	SPAN	NAME	DESIG.	SPAN
1.			6.		
2.			7.		
3.			8.		
4.			9.		
5.			10.		

SLIDE REVIEW SHEET

PERIOD 26 cont'd., 27

IDENTIFICATION AND TACTICAL FUNCTIONS OF AIRCRAFT

PERIOD 26 CONT'D.

AIRCRAFT

NAME			DESIG. SPAN			NAME			DESIG. SPAN		
10.						20.					
11.						21.					
12.						22.					
13.						23.					
14.						24.					
15.						25.					
16.						COUNTERS (Identification) <input type="text"/>					
17.						ERRORS					
18.						1.			4.		
19.						2.			5.		
						3.					

PERIOD 27

AIRCRAFT

ERRORS

NAME			DESIG. SPAN			NAME			DESIG. SPAN		
1.						11.					
2.						12.					
3.						13.					
4.						14.					
5.						15.					
6.						16.					
7.						17.					
8.						18.					
9.						19.					
10.						20.					

IDENTIFICATION
AND
TACTICAL FUNCTIONS OF AIRCRAFT

SLIDE REVIEW SHEET

PERIOD 27, con't., 28

PERIOD 27 CONT'D.

AIRCRAFT

 ERRORS

NAME		DESIG. SPAN		NAME		DESIG. SPAN	
21.				28.			
22.				29.			
23.				30.			
24.				COUNTERS (Identification) <input type="text"/> ERRORS			
25.				1.		4.	
26.				2.		5.	
27.				3.			

PERIOD 28

AIRCRAFT

 ERRORS

NAME		DESIG. SPAN		NAME		DESIG. SPAN	
1.				14.			
2.				15.			
3.				16.			
4.				17.			
5.				18.			
6.				19.			
7.				20.			
8.				21.			
9.				22.			
10.				23.			
11.				24.			
12.				25.			
13.							

SLIDE REVIEW SHEET

PERIOD 29, 30

IDENTIFICATION AND TACTICAL FUNCTIONS OF AIRCRAFT

PERIOD 29

AIRCRAFT

ERRORS

NAME	DESIG.	SPAN	NAME	DESIG.	SPAN
1.			11.		
2.			12.		
3.			13.		
4.			14.		
5.			15.		
6.			16.		
7.			17.		
8.			18.		
9.			19.		
10.			20.		

PERIOD 30

AIRCRAFT

ERRORS

NAME	DESIG.	SPAN	NAME	DESIG.	SPAN
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

IDENTIFICATION AND TACTICAL FUNCTIONS OF AIRCRAFT

SLIDE REVIEW SHEET

AIRCRAFT <input type="text"/>					
NAME	DESIG.	SPAN	NAME	DESIG.	SPAN
1.			26.		
2.			27.		
3.			28.		
4.			29.		
5.			30.		
6.			31.		
7.			32.		
8.			33.		
9.			34.		
10.			35.		
11.			36.		
12.			37.		
13.			38.		
14.			39.		
15.			40.		
16.			41.		
17.			42.		
18.			43.		
19.			44.		
20.			45.		
21.			46.		
22.			47.		
23.			48.		
24.			49.		
25.			50.		

SLIDE REVIEW SHEET

IDENTIFICATION AND TACTICAL FUNCTIONS OF AIRCRAFT

AIRCRAFT			AIRCRAFT		
NAME	DESIG.	SPAN	NAME	DESIG.	SPAN
1.			26.		
2			27.		
3.			28.		
4.			29.		
5.			30.		
6.			31.		
7.			32.		
8.			33.		
9.			34.		
10.			35.		
11.			36.		
12.			37.		
13.			38.		
14.			39.		
15.			40.		
16.			41.		
17.			42.		
18.			43.		
19.			44.		
20.			45.		
21.			46.		
22.			47.		
23.			48.		
24.			49.		
25.			50.		

IDENTIFICATION AND TACTICAL FUNCTIONS OF AIRCRAFT

SLIDE REVIEW SHEET

NAME			AIRCRAFT		DESIG. SPAN		NAME		DESIG. SPAN	
1.					26.					
2.					27.					
3.					28.					
4.					29.					
5.					30.					
6.					31.					
7.					32.					
8.					33.					
9.					34.					
10.					35.					
11.					36.					
12.					37.					
13.					38.					
14.					39.					
15.					40.					
16.					41.					
17.					42.					
18.					43.					
19.					44.					
20.					45.					
21.					46.					
22.					47.					
23.					48.					
24.					49.					
25.					50.					

SLIDE REVIEW SHEET

IDENTIFICATION AND TACTICAL FUNCTIONS OF AIRCRAFT

AIRCRAFT			AIRCRAFT		
NAME	DESIG.	SPAN	NAME	DESIG.	SPAN
1.			26.		
2.			27.		
3.			28.		
4.			29.		
5.			30.		
6.			31.		
7.			32.		
8.			33.		
9.			34.		
10.			35.		
11.			36.		
12.			37.		
13.			38.		
14.			39.		
15.			40.		
16.			41.		
17.			42.		
18.			43.		
19.			44.		
20.			45.		
21.			46.		
22.			47.		
23.			48.		
24.			49.		
25.			50.		